

A UNITED STATES
DEPARTMENT OF
COMMERCE
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1967 CENSUS OF TRANSPORTATION

Vol. III



COMMODITY
TRANSPORTATION
SURVEY

Part 2 Production Areas
and Selected States

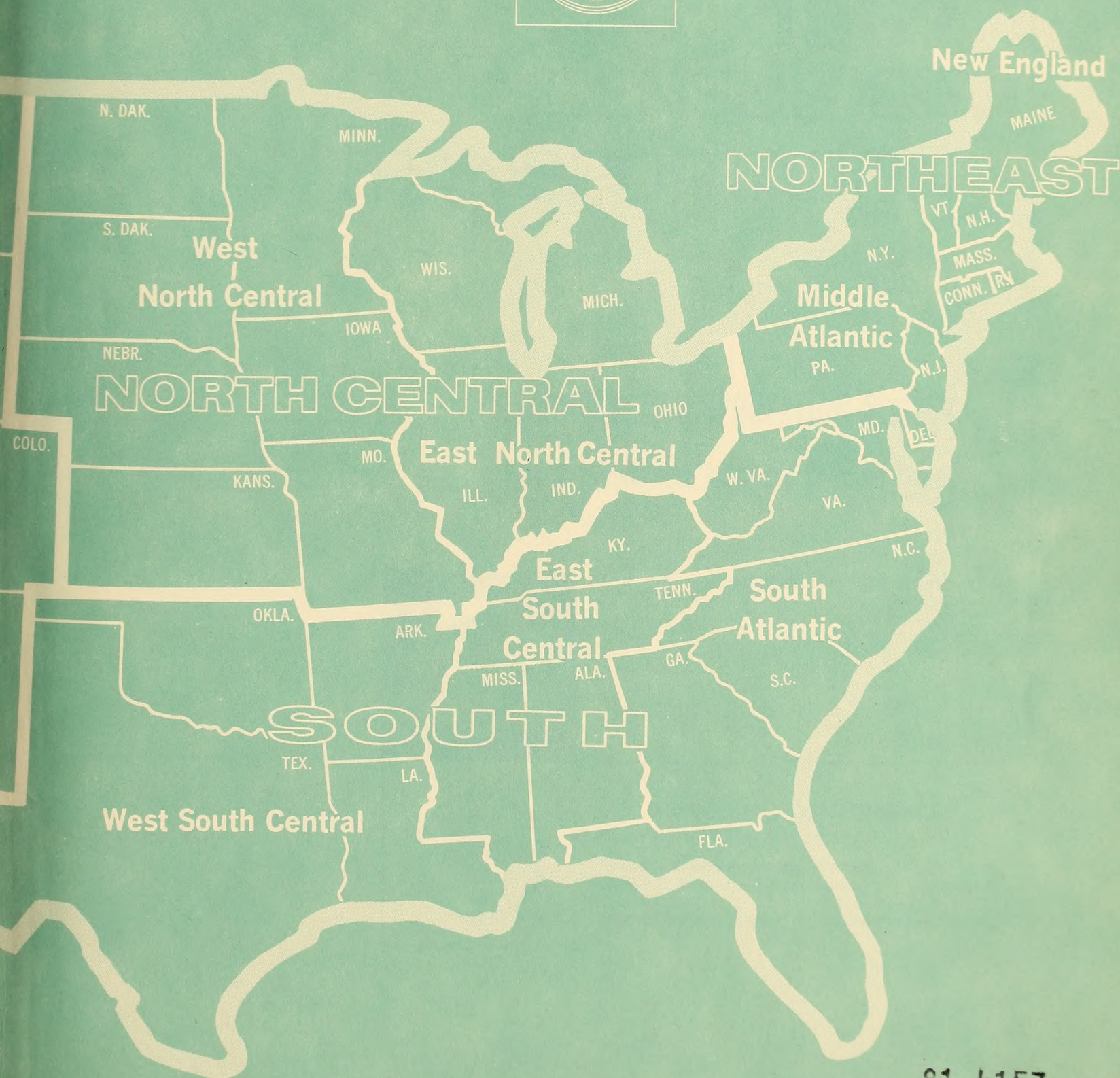
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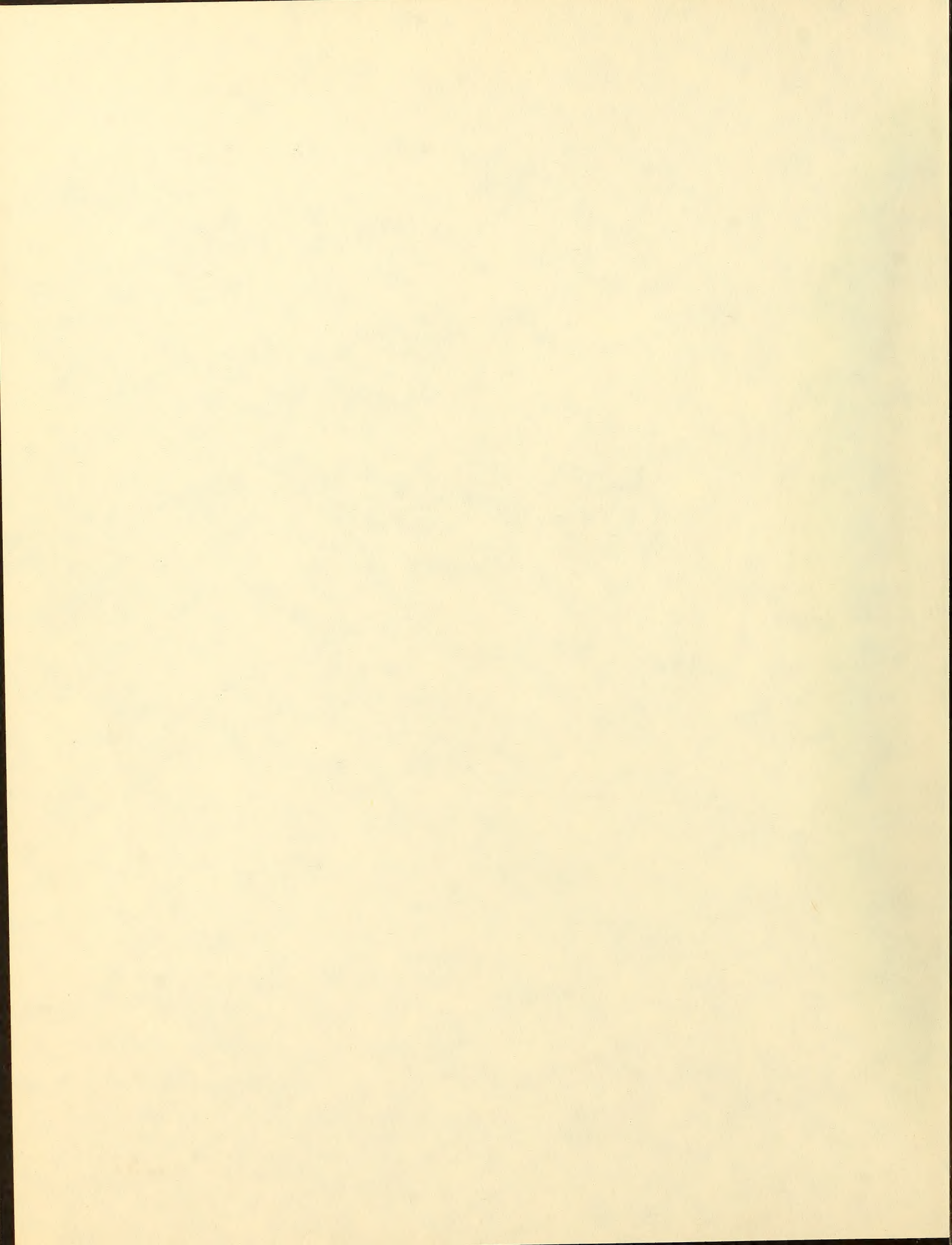
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1967 CENSUS OF TRANSPORTATION

VOL. III

COMMODITY TRANSPORTATION SURVEY

Part 2 Production Areas and Selected States

Issued September 1970



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ACKNOWLEDGMENTS—The 1967 Census of Transportation was conducted under the general direction of **Donald E. Church**, Chief, and **Walter F. Buhl**, Assistant Chief of the Transportation Division. Within this Division, responsibility was shared by the following individuals who contributed significantly to the entire program: **Jerome Litzky**, Chief, Survey Programs Branch; **Kathryn C. Farmer**, Chief, Operations Management Branch; **Max E. Van Horn**, coordinator of data processing; **Kathleen E. Sier**, analyst; **Donald Wright**, sampling and statistical specialist; and **Evelyn S. Davis**, publication program specialist.

Advice on sampling and other technical statistical aspects was provided in the Statistical Research Division by **Max Bershad**, Assistant Chief.

Planning, procedures, programing, and control operations were performed in the Systems Division under the direction of **Sol Dolleck**, Chief, and **Betty S. Mitchell**, Assistant Division Chief; **Don L. Coffey**, Chief, Methods, Procedures, and Quality Control Branch; **Maxwell Jeane**, quality control; **Odessa M. Shannon**, **Richard Russell**, and **Lloyd H. Fredericks**, processing procedures; **Evelyn G. Jett** and **Mary E. Brady**, EAM procedures; **Desmond J. Carron**, Chief, Programing Branch; **Edna J. Foust**, planning and programing; **James R. Pepal**, Chief, Processing Coordination Branch; **Percy R. Moore**, processing coordinator.

Mailing and data correction operations were performed in Processing Division under the direction of **M. Douglas Fahey**, Chief.

Clerical check-in and data punching, data transmission, and control operations were performed in Jeffersonville Census Operations Division under the direction of **Joseph F. Arbena**, Chief, with clerical supervision by **Virginia Powell**.

In the Administrative and Publications Services Division, editorial supervision and report planning was provided by **Geraldine Censky**.

Library of Congress Card No. 76-607509

Suggested Citation

U.S. Bureau of the Census, Census of Transportation, 1967
Volume III: COMMODITY TRANSPORTATION SURVEY
Part 2, Production Areas and Selected States

U.S. Government Printing Office, Washington, D.C., 1970

For sale by the Superintendent of Documents, U.S. Government Printing Office, Washington, D.C. 20402, or any Department of Commerce field office.
Price \$8.50

Preface

The census of transportation, together with the censuses of business, manufactures, and mineral industries, comprise the economic census program of the Bureau of the Census. This program is required by law under Title 13 of the United States Code, sections 131 and 224. The present economic census collects statistics for the year 1967. Future censuses are scheduled by law for 5-year intervals.

A large segment of transportation data is available from regulatory and other government agencies, and private organizations. For that reason, the statutory provisions concerning the census of transportation directed the Bureau to collect the kinds of data that were not publicly available from other sources. The objective was to avoid duplication and fill important gaps in transportation information.

The census of transportation was undertaken for the first time on a National basis in 1963. The 1967 census was taken under three separate surveys—National Travel, Truck Inventory and Use, and Commodity Transportation, each on a sample basis. The surveys are independent of each other and the results are published in three distinct series of reports.

1967 Census of Transportation Publication Program

The 1967 Census of Transportation is comprised of three major surveys. Each survey, described below, was conducted separately and independently.

National Travel Survey

The National Travel Survey is concerned with the volume and characteristics of travel by residents of the United States during the year 1967. The survey consists of a nationwide probability sample of about 18,000 households who reported quarterly by mail. The data show the estimated number of households in which some one took one or more trips, persons who took at least one trip, person-trips, person-nights, and person-miles. Data are shown by such travel characteristics as means of transport, purpose of trip, duration of trip, distance, size of party, type of lodging, origin and destination regions, and by such household characteristics as family income level, occupation and education of household head, and age of traveler.

Final data are included in volume I of the 1967 Census of Transportation.

Truck Inventory and Use Survey

This survey presents data on the Nation's truck resources, other than vehicles owned by Federal, State, and local government agencies. The survey consists of a probability sample of motor truck licenses in each of the 50 States and the District of Columbia. The data show the number of trucks and tractor-trailer combinations, truck-miles, and average miles per truck, by such characteristics as major use, body type, body size, vehicle-size class, year model, type of fuel, range of operation,

vehicle type and axle arrangement, products carried, and maintenance.

Final data for each of the 50 States, the District of Columbia, the nine geographic divisions, and the United States as a whole, are contained in volume II of the 1967 Census of Transportation.

Commodity Transportation Survey

This survey presents data on the transportation and geographic distribution of commodities shipped intercity by the industrial sector of the United States. A probability sample of about 1.4 million bills of lading or other shipping documents was selected from the files of approximately 13,000 manufacturers throughout the country representing the universe of about 100,000 plants with total employment of 20 or more employees. The data are classified by (1) shipper groups and shipper classes, (2) geographic areas, such as production areas, geographic divisions, and selected States, and (3) commodity groups. Data are shown for tons and ton-miles by means of transport, length of haul, commodity, weight, origin and destination areas, size of plant based on total employment, and availability of transport facilities. Percentage distributions of shipments by means of transport, distance shipped, and availability of transportation facilities are also presented for smaller manufacturing establishments.

Final data are presented in volume III of the 1967 Census of Transportation which consists of three separate books: Part 1, Shipper Groups; Part 2, Production Areas and Selected States; and Part 3, Commodity Groups.

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(Tables 1 to 3 are for Production Areas and States; Table 4 is for Production Areas Only)

TABLE 1. Percent Distribution of Commodities, by Means of Transport: 1967

TCC code	Commodity	Number	Percent distribution by means of transport								Sampling variability code ¹
			All means of transport	Rail	Motor carrier	Private truck	Air	Water	Other	Unknown	

TABLE 2. Percent Distribution of Commodities, by Distance of Shipment: 1967

TCC code	Commodity	Number	Percent distribution by distance of shipment								Sampling variability code ¹
			All distances	Under 100 miles	100 to 199 miles	200 to 299 miles	300 to 499 miles	500 to 999 miles	1,000 to 1,499 miles	1,500 miles or over	

TABLE 3. Percent Distribution of Commodities, by Geographic Division of Destination: 1967

TCC code	Commodity	Number	Percent distribution by geographic division ² of destination										Sampling variability code ³
			All means of transport	New England	Middle Atlantic	East North Central	West North Central	South Atlantic	East South Central	West South Central	Mountain	Pacific ²	

TABLE 4. Percent Distribution of Commodities, by Production Area of Destination: 1967

TCC code	Commodity	Number	Percent distribution by production area ¹ of destination						
			Total	1 (BOST)	2 (HART)	3 (NYNY)	4 (N. NJ)	5 (PHIL)	6 (BALT)	7 (ALLN)

TCC code	Commodity	Percent distribution by production area ¹ of destination--Continued									
		8 (HARR)	9 (SYRA)	10 (BUFF)	11 (CLEV)	12 (PITT)	13 (DETR)	14 (CINC)	15 (CHIC)	16 (MILW)	17 (M-SP)

TCC code	Commodity	Percent distribution by production area ¹ of destination--Continued									Sampling variability code ³
		18 (STLO)	19 (ATLA)	20 (DALL)	21 (HOUS)	22 (DENV)	23 (SETL)	24 (SANF)	25 (LOSA)	All other	

Introduction

GENERAL

This survey presents statistics on the volume and characteristics of intercity commodity shipments originated by manufacturers in the United States during 1967. Its main purpose is to provide essential statistics on selected aspects of intercity transportation that are not available from other sources. Another primary objective is to provide a "new" dimension to production data; that is, to provide the geographic link between major supply areas and their markets or redistribution areas.

The tabulations were based on detailed information obtained from a sample of about 1.4 million shipping records drawn from the files of about 13,000 manufacturing establishments that represented essentially the Nation's industrial universe.¹

The complete series of data for the Commodity Transportation Survey is published as Volume III of the 1967 Census of Transportation and consists of three books: Part 1 provides data on the transportation and distribution of products by shipper groups and shipper classes, Part 2 is concerned primarily with the geographic distribution of products, showing traffic flows from each of the 25 production areas and 20 leading States, and also between those origin areas to major destination areas, Part 3 provides maximum commodity detail, largely at the National level.

SCOPE OF SURVEY

The survey includes the entire industrial universe of manufacturing establishments with 20 or more employees located in the 48 conterminous States and the District of Columbia except for the following industries, as described in the Standard Industrial Classification (SIC) Manual:²

- SIC 19, Ordnance and accessories
- SIC 206, Fluid milk
- SIC 205, Bakery products
- SIC 2097, Manufactured ice
- SIC 241, Primary forest products
- SIC 27, Printing, publishing and allied industries

¹As described in more detail elsewhere, a few classes of industries and all small plants (i.e., plants with less than 20 employees) were not included in this sample; however, less detailed "traffic profile" information was obtained for the printing, publishing, and allied industry group, and for plants having 10 to 19 employees in all other "shipper groups". This information was originally issued in special reports and is included in the appendix to Volume III, Part 3.

²See *Standard Industrial Classification Manual, 1967*, Executive Office of the President, Bureau of the Budget.

Ordnance and accessories presented security problems, and plants in other industries primarily serve local markets. The industrial "universe" is identical to the one used for the 1963 Commodity Transportation Survey, except for the exclusion of plants with less than 20 employees. Establishments located in Alaska and Hawaii were not within the scope of the survey.

SAMPLE DESIGN

A two-stage probability sample design was used. The first stage involved the drawing of a probability sample of about 13,000 plants from the universe. The second involved the selection of a probability sample of about 100 to 200 bills of lading or other shipping documents on file at each of the sampled plants. The national sample consisted of slightly more than 1.4 million shipping records. These records cover all types of commodities shipped intercity by manufacturers, and all modes of transportation except pipeline. Specific facts, such as origin, destination, commodity, weight, and means of transport were recorded from each of the sampled documents.

The term "probability sample" as used here means that the chance for selecting each document from the millions of such documents in the universe is known and is not equal to zero. The information from a probability sample can be expanded to approximate the total that would have been obtained by a complete count, and the sampling variability can be estimated from the sample itself.

The sample design is rather complex.³ In general, the first stage involved the classification of manufacturing plants into 86 shipper classes. These classes were then regrouped into six "tonnage divisions," based on the total tons shipped by the shipper class in the 1963 survey. Each manufacturing plant also was identified by its location and classified into two geographic strata: (1) Located in a production area or (2) located outside of any production area.

Within each of those six tonnage divisions and two geographic areas, the probability of selecting any given plant in the universe was proportionate to the "intercity tonnage rating" of the plant. The rating for each plant was based on the intercity tons shipped by the average plant of the same shipper class and employee size group in the 1963 survey.

With respect to the allocation of plants within the sample, it was decided that the relative degree of precision and detail should be somewhat greater for the shipper classes in the large tonnage divisions than for those in the small tonnage divisions. An average of about 195 plants per shipper class was set as the target in each of the four largest tonnage divisions, and half that number per shipper class in the two smallest tonnage divisions. It also was decided that greater precision

³A detailed technical description may be obtained from the Transportation Division, Bureau of the Census, Washington, D.C. 20233.

was needed for data on traffic flows from production areas than from the balance of the country. The probability of selecting a specific plant located in a production area was set at twice the probability of selecting an otherwise comparable plant outside of a production area.

After selecting the plants, the next stage involved the selection of a probability sample of bills of lading or other shipping papers at the company headquarters or individual plants. Several alternative standard plans were used, depending largely on the filing system used by the company. For example, in files organized by serial number, the procedure involved drawing every "nth" record, after taking a random number start. In large chronological files, a two-stage design was used--a sample of dates and a sample of shipping papers within those dates. Special designs were made for record-keeping situations that could not be sampled readily by one of the standard plans.

The sample for each area consists of all manufacturing plants in the national sample that were physically located within the specified production area or State.

ESTIMATED SAMPLING VARIABILITY AND RELIABILITY OF DATA

The figures shown in this report are based on a sample and are, therefore, subject to sampling variability. The term "sampling variability" refers to the difference between the results of this sample survey and those that would have been obtained if a complete enumeration of all shipments by all manufacturing plants in the universe had been taken.

Estimates of total tons (and ton-miles) and percentage distributions have been presented for each commodity or commodity class, provided (1) the sample contained shipments from at least 5 companies, (2) the estimate did not disclose the shipments of an individual company or plant, and (3) the sampling variability did not exceed ± 50 percent.

Estimated sampling variability for tons is shown for each commodity line in the last column of the tables. The chances are about two out of three that the estimated tonnage figure in the total column will not differ from data that would have been obtained from a complete enumeration by more than the estimated sampling variability shown. The chances are about 19 out of 20 that the difference would not be larger than twice the indicated sampling variability. The variability for ton-miles has not been estimated, but probably is somewhat higher than for tons.

In addition to sampling variability, the data are subject to "response errors" that may have arisen from misinterpretation of questions, failure to find and sample some files, or other similar sources of error. However, this type of error probably is relatively minor in this survey. The sampling procedures at each plant were relatively clear and simple, and the precise facts were transcribed

directly from individual shipping documents by company personnel in most instances. A high degree of quality control was exercised by the Bureau of the Census in the processing and tabulation stages.

METHOD FOR ESTIMATING TONS, TON-MILES, DISTANCE, AND SIZE OF SHIPMENT

The basic source document for weight, distance, and size of shipment is the individual shipping paper--the bill of lading, sales invoice, summary record, etc.

Estimates of total tons are shown in the first column of the "tons of shipments" section of the tables. These figures represent the approximate total that probably would have been obtained by a complete enumeration of all shipments. As mentioned above, these estimates are subject to sampling variability and response errors.

The estimates of tons were made by multiplying the actual weight shown on the record for each shipment by the reciprocal of the sampling fraction for that shipment, and aggregating the expanded value. For example, if a manufacturing establishment was selected at the rate of 1 in 5 and shipments within that plant were drawn at the rate of 1 in 20, the weight of that shipment would be multiplied by 100 (that is, 5 times 20) for purposes of estimating total tons shipped.

Estimates of total ton-miles are shown in the first column of the "ton-miles" section of the tables. These figures are the product of weight times distance. For example, a 10-ton shipment that moved between places that were 1,000 miles apart is equivalent to a 50-ton shipment that moved 200 miles. Both represent 10,000 ton-miles, although they differ in terms of both weight and distance.

The distance component is calculated by a computer program known as PICADAD (defined in appendix A). Distance is the straight-line miles between the origin and destination shown on the shipping paper, without allowance for circuitry in actual route used by the carrier. On the average, railroad "short-line" and highway "direct-route" distances exceed the calculated straight-line miles by about 24 percent and 21 percent, respectively. The actual route-mile distance is somewhat longer.

Tabulations showing the distribution of shipments by weight class were estimated from shipment data that were based on bills of lading and sales invoices. Observations based on summary reports and other types of records generally show weights that are aggregates of several shipments. While both classes of records were used for estimating total tons, the latter was excluded from the analyses by size of shipment. The "size of shipment" in this report is the weight shown on the bill of lading or sales invoice, and is not necessarily the weight actually shipped in one freight car, truck, or other vehicle. Doubtless many of the smaller shipments shown in this survey were consolidated by the shipper into carload or truck lots, while some large shipments were moved in more than one freight car or truck.

RELATIONSHIP TO CENSUS OF MANUFACTURES DATA

GENERAL--The Commodity Transportation Survey supplies an added spatial dimension to the Census of Manufactures with respect to commodity flows from sources of supply to redistribution or market areas, by providing data on the geographic distribution of *intercity* shipments originated by industrial plants during 1967.

Detailed data concerning the industrial universe can be obtained from the Census of Manufactures reports. Among the leading facts of interest for transportation analysis from that source is the geographic location of production as measured by the number of establishments, number of employees, value of production or shipments, and cost of materials which may be used as a rough indicator of the inbound shipment volume.

Each manufacturing establishment in the Commodity Transportation Survey was requested to report, among other things, the commodity, weight, means of transport, and destination for each of its sampled shipments. About 97.5 percent of the total tons shipped were to domestic destinations. However, a small percentage of the documents showed foreign destinations. For those export shipments, the shipper was asked to report the "port of exit" as the destination of the domestic segment, and to list the foreign country of destination. The objective was to measure specifically the domestic segment and to explore the feasibility and usefulness of obtaining supplementary information on foreign destinations.

An analysis and summary of data on interior origins and domestic means of transport of export shipments as reported by manufacturers in the 1967 Commodity Transportation Survey has been released by the Bureau of the Census as a special report, and is included in the appendix to Volume III, Part 3.

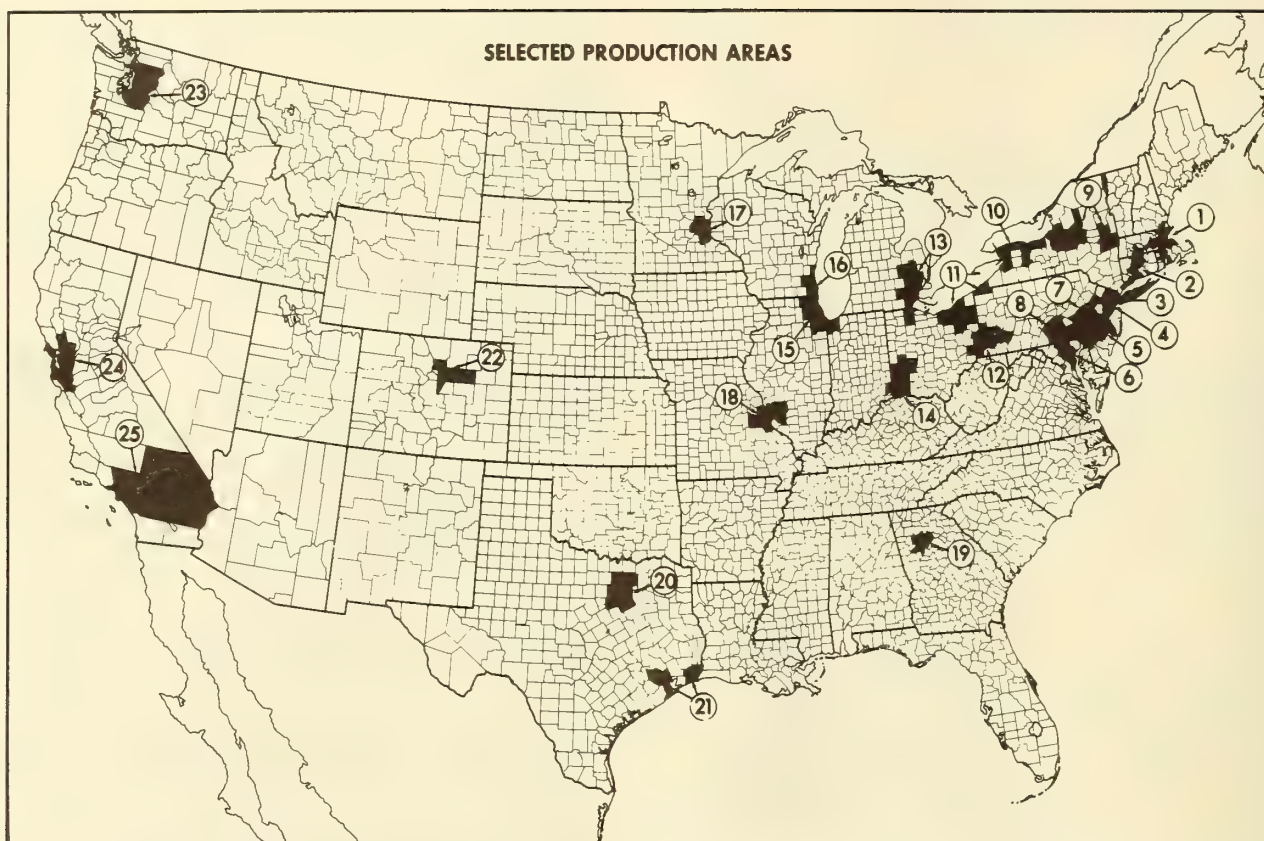
DEFINITION OF SHIPMENTS--Since the definition of shipments is broader in the Census of Manufactures than in the Commodity Transportation Survey, data on shipments in the two reports are not fully comparable. In this report, tons and ton-miles of shipments relate to production that actually moves by some means of transportation (other than pipe-

line, or under own power, or towed away) beyond the local area of the plant. These are usually called "intercity" shipments, even though neither the origin or destination necessarily is in a city.

In the Census of Manufactures, the term "shipment" includes not only the products made in the establishment, but also those made elsewhere under contract from materials owned by the establishment, receipts for contract work performed for others, and miscellaneous activities.

Aside from the differences in units of measure (tons and value), the primary difference is the volume of commodities that do not move beyond the local area. For example, the entire output of one plant (such as a metal-can manufacturing establishment) may be delivered to a physically adjacent plant (such as a fruit canning establishment) by conveyor belt. In that instance, the output of metal cans would be included in the value of shipments in the Census of Manufactures, but the establishment and its output would be "out of scope" (that is, not counted) in the Commodity Transportation Survey. The reason for being out of scope is that its shipments were local. However, if at least 10 percent of the production of that metal-can manufacturing plant were shipped beyond the local area, the plant would be "in scope," but only the intercity (nonlocal) shipments would be included in the commodity shipment data.

Comparisons between the volume of shipments as measured in tons by the Commodity Transportation Survey and in value by the Census of Manufactures for any given shipper class should be interpreted with caution. The ratio of tons to value is not only affected by differences in the relative volume of "local shipments" among plants, even within the same industry, but also differences in the relative value per ton of commodities in the total product mix for a shipper class or shipper group. The classification of shippers (that is, industrial establishments) into shipper groups and shipper classes is based on the Standard Industrial Classification used to classify establishments in the Census of Manufactures. In that respect, the two surveys are comparable. However, with respect to commodities, the product codes used in the Census of Manufactures differ from the commodity codes used for transportation.



DESCRIPTIONS OF PRODUCTION AREAS

In order to obtain useful "point-to-point" tabulations, the following Production Areas have been developed for this survey. These areas were selected to represent relatively compact geographic concentrations of manufacturing activity. Each consists of one or more standard metropolitan statistical areas (SMSA)¹ which makes possible comparisons between traffic flow data and economic and demographic statistics available from other sources. The following list shows the Production Area number and its description (the SMSA's included in each area).

1. Boston, Mass.; Worcester, Mass.; Providence-Pawtucket-Warwick, R.I.-Mass.; Brockton, Mass.; Lawrence-Haverhill, Mass.-N.H.; and Lowell, Mass.
2. Hartford, Conn.; New Britain, Conn.; Meriden, Conn.; Waterbury, Conn.; New Haven, Conn.; Bridgeport, Conn.; Norwalk, Conn.; Stamford, Conn.; Springfield-Chicopee-Holyoke, Mass.-Conn.
3. New York, N.Y.
4. Newark, N.J.; Jersey City, N.J.; Paterson-Clifton-Passaic, N.J.; and Middlesex and Somerset counties, N.J.
5. Philadelphia, Pa.-N.J.; Wilmington, Del.-N.J.-Md.; Trenton, N.J.
6. Baltimore, Md.
7. Allentown-Bethlehem-Easton, Pa.-N.J.; and Reading, Pa.
8. Harrisburg, Pa.; Lancaster, Pa.; and York, Pa.
9. Syracuse, N.Y.; Utica-Rome, N.Y.; and Albany-Schenectady-Troy, N.Y.
10. Buffalo, N.Y.; and Rochester, N.Y.
11. Cleveland, Ohio; Akron, Ohio; Canton, Ohio; Lorain-Elyria, Ohio; Youngstown-Warren, Ohio; and Erie, Pa.
12. Pittsburgh, Pa.; Steubenville-Weirton, Ohio-W. Va.; and Wheeling, W. Va.-Ohio.
13. Detroit, Mich.; Flint, Mich.; Toledo, Ohio-Mich.; and Ann Arbor, Mich.
14. Cincinnati, Ohio-Ky.-Ind.; Dayton, Ohio; Hamilton-Middletown, Ohio; Springfield, Ohio.
15. Chicago, Ill.; and Gary-Hammond-East Chicago, Ind.
16. Milwaukee, Wis.; Kenosha, Wis.; and Racine, Wis.
17. Minneapolis-St. Paul, Minn.
18. St. Louis, Mo.-Ill.
19. Atlanta, Ga.
20. Dallas, Tex.; and Fort Worth, Tex.
21. Houston, Tex.; Beaumont-Port Arthur-Orange, Tex.; and Galveston-Texas City, Tex.
22. Denver, Colo.
23. Seattle-Everett, Wash.; and Tacoma, Wash.
24. San Francisco-Oakland, Calif.; Vallejo-Napa, Calif.; and San Jose, Calif.
25. Los Angeles-Long Beach, Calif.; Anaheim-Santa Ana-Garden Grove, Calif.; and San Bernardino-Riverside-Ontario, Calif.

¹For definitions of SMSA's, see *Standard Metropolitan Statistical Areas, 1967*, Executive Office of the President, Bureau of the Budget.

PRODUCTION AREAS

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Production Area 6	174	Production Area 19	448
Production Area 7	187	Production Area 20	456
Production Area 8	195	Production Area 21	464
Production Area 9	203	Production Area 22	482
Production Area 10	211	Production Area 23	488
Production Area 11	229	Production Area 24	498
Production Area 12	267	Production Area 25	516
Production Area 13	285		

Tables for each Production Area are as follows:

Table A. Percent Distribution of Shipments by Means of Transport

Table B. Average Length of Haul by Means of Transport

Table C. Percent Distribution of Shipments by Distance of Shipment

Table D. Percent Distribution of Shipments by Area of Destination

Table 1. Percent Distribution of Commodities, by Means of Transport: 1967

Table 2. Percent Distribution of Commodities, by Distance of Shipment: 1967

Table 3. Percent Distribution of Commodities, by Geographic Division of
Destination: 1967

Table 4. Percent Distribution of Commodities, by Production Area of
Destination: 1967

PRODUCTION AREA 1

Consists of six Standard Metropolitan Statistical Areas: Boston, Mass.; Worcester, Mass.; Providence-Pawtucket-Warwick, R.I.-Mass.; Brockton, Mass.; Lawrence-Haverhill, Mass.-N.H.; and Lowell, Mass.

SUMMARY

The estimates of tons and ton-miles are based on reports from a sample of shipments by approximately 576 manufacturing establishments located in this Production Area. The total tons and ton-miles represent the total inter-city shipments by essentially all manufacturing establishments in the area, except for plants with less than 20 employees. However, since the data are based on a sample, the estimates necessarily are subject to "sampling variability."

The approximate degree of sampling variability for tons for each commodity or commodity class is indicated in the last column of tables 1 to 4. In general, most of the commodity data in this report are subject to substantial sampling variability and should be treated as approximate rather than precise measures.

About 11.6 million tons of commodities were shipped by plants in this area to destinations beyond the local area. These shipments generated 4.4 billion ton-miles by all means of transport combined, and averaged about 377 straight-line miles per ton shipped.

Motor carriers are the dominant means of transport, hauling about two-thirds of the total tons. When measured in terms of ton-miles, motor carriers are still dominant, accounting for 73 percent of the total.

Comparisons between 1967 and 1963 data are presented in tables A through D. The 1967 survey is comparable with 1963, except for the exclusion from the survey, in 1967, of plants with less than 20 employees. Nationally, those plants accounted for only 4 percent of the total tons originated in the 1963 survey.

**Table A. PERCENT DISTRIBUTION OF SHIPMENTS
BY MEANS OF TRANSPORT**

Means of transport	All commodities	
	1967	1963
Tons of shipments.....millions..	11.6	8.9
Ton-miles.....billions..	4.4	2.7
TONS OF SHIPMENTS		
Percent distribution		
All means of transport.....	100.0	100.0
Rail.....	9.9	11.7
Motor carrier.....	66.1	50.9
Private truck.....	21.5	27.8
Air.....	.2	.1
Water.....	1.2	7.8
Other.....	1.1	1.7
TON-MILES		
All means of transport.....	100.0	100.0
Rail.....	17.4	28.7
Motor carrier.....	73.4	50.0
Private truck.....	5.8	11.0
Air.....	.4	.5
Water.....	1.4	4.9
Other.....	1.6	4.9

Note: Ton-miles are the product of weight times distance on a straight-line distance basis.

**Table B. AVERAGE LENGTH OF HAUL
BY MEANS OF TRANSPORT**

(Straight-line miles)

Means of transport	All commodities	
	1967	1963
All means of transport.....	377	304
Rail.....	662	745
Motor carrier.....	418	298
Private truck.....	102	120

Note: Average length of haul is based on straight-line miles from plant to customer or redistribution point, weighted by tonnage shipped (i.e., ton-miles divided by tons). Rail short-line and highway direct-route distances average about 24 and 21 percent, respectively, longer than straight-line distances.

**Table C. PERCENT DISTRIBUTION OF SHIPMENTS
BY DISTANCE OF SHIPMENT**

Distance shipped	All commodities	
	1967	1963
TONS OF SHIPMENTS		
All distances.....	100.0	100.0
Under 100 miles.....	40.2	42.5
100 to 199 miles.....	15.5	22.6
200 to 299 miles.....	7.8	10.3
300 to 499 miles.....	5.0	4.7
500 to 999 miles.....	25.2	12.9
1,000 to 1,499 miles.....	2.4	4.0
1,500 miles and over.....	3.9	3.0

**Table D. PERCENT DISTRIBUTION OF SHIPMENTS
BY AREA OF DESTINATION**

Area of destination	All commodities	
	1967	1963
Tons of shipments.....thousands..	11,561	8,879
Ton-miles.....millions..	4,357	2,695
TONS OF SHIPMENTS		
Percent distribution		
All areas.....	100.0	100.0
Production Area 01 ¹	21.7	21.2
Other production areas.....	32.7	34.5
All other areas.....	45.6	44.3
TON-MILES		
All areas.....	100.0	100.0
Production Area 01 ¹	1.5	2.3
Other production areas.....	46.0	47.6
All other areas.....	52.5	50.1

¹Includes only those shipments that originated in one city in this area and terminated in another city in this area.

TABLE 1. Percent Distribution of Commodities, by Means of Transport: 1967

TCC code	Commodity	Number	Percent distribution by means of transport								Sampling variability code ¹
			All means of transport	Rail	Motor carrier	Private truck	Air	Water	Other	Unknown	
	TONS OF SHIPMENTS	(thousands of tons)									
	Production Area 01, total.....	11,561	100.0	9.9	66.1	21.5	0.2	1.2	0.9	0.2	-
20	Food and kindred products.....	1,709	100.0	17.2	50.8	29.4	-	.2	2.4	-	b
201	Meat, poultry, and small game; fresh, chilled or frozen.....	270	100.0	14.3	38.9	32.4	-	-	14.4	-	c
2013	Meat products.....	101	100.0	3.1	71.9	25.0	-	-	-	-	d
203	Canned and preserved fruits, vegetables, and seafoods.....	285	100.0	4.5	43.5	52.0	-	-	-	-	d
207	Confectionery and related products.....	132	100.0	15.3	80.1	3.5	-	-	1.1	-	d
2071	Confectionery and related products.....	132	100.0	15.3	80.1	3.5	-	-	1.1	-	d
20711	Candy (bars, bulk, packaged).....	122	100.0	16.6	78.6	3.6	-	-	1.2	-	d
208	Beverages and flavoring extracts.....	388	100.0	5.1	51.3	42.7	-	.9	-	-	c
2086	Bottled and canned soft drinks and carbonated, mineral, and plain waters....	71	100.0	-	46.1	53.9	-	-	-	-	c
20861	Bottled and canned soft drinks and carbonated, mineral, and plain waters....	71	100.0	-	46.1	53.9	-	-	-	-	c
22	Basic textiles.....	499	100.0	1.3	79.8	17.4	.4	-	.3	.8	c
228	Thread and yarn (cotton, wool, silk, and man-made fiber).....	51	100.0	3.6	86.6	7.7	.3	-	1.8	-	d
2281	Yarn.....	51	100.0	3.6	86.6	7.7	.3	-	1.8	-	d
22819	Yarn, n.e.c.....	17	100.0	10.5	79.4	4.9	-	-	5.2	-	d
229	Miscellaneous basic textiles.....	233	100.0	.1	68.4	30.4	.4	-	.1	.6	c
23	Apparel, including knit apparel, and other finished textile products.....	48	100.0	-	74.5	14.4	.2	-	10.9	-	d
26	Pulp, paper, and allied products.....	842	100.0	10.1	46.0	43.5	.1	.1	.2	-	d
264	Converted paper and paperboard products (except containers and boxes).....	97	100.0	18.8	75.6	3.6	.4	.7	.9	-	d
265	Container, boxes and related products, paperboard, fiberboard, and pulpboard.	510	100.0	4.0	30.9	65.0	-	-	.1	-	d
28	Chemicals and allied products.....	3,433	100.0	8.6	76.0	13.8	.3	.5	.2	.6	b
282	Plastic materials and plasticizers, synthetic resins, rubbers, and fibers.	190	100.0	9.0	49.0	38.3	-	3.5	.2	-	d
2821	Plastic materials and plasticizers, synthetic resins, rubbers, and fibers.	190	100.0	9.0	49.0	38.3	-	3.5	.2	-	d
28211	Plastic materials and plasticizers, synthetic resins, and nonvulcanizable elastomers.....	187	100.0	8.8	48.6	38.9	-	3.5	.2	-	d
284	Soap and detergents, cleaning preparations, perfumes, cosmetics, and other toilet preparations.....	378	100.0	13.9	59.0	24.1	-	2.9	.1	-	d
285	Paints, varnishes, lacquers, enamels, and allied products.....	120	100.0	.2	57.0	42.6	-	.1	.1	-	d
2851	Paints, varnishes, lacquers, enamels, and allied products.....	120	100.0	.2	57.0	42.6	-	.1	.1	-	d
289	Miscellaneous chemical products.....	114	100.0	7.9	70.8	20.3	.1	.5	.4	-	d
2891	Glue and gelatin.....	74	100.0	12.1	81.6	5.5	-	.7	.1	-	d
2899	Chemical products, n.e.c.....	35	100.0	.3	43.0	55.0	.2	.3	1.2	-	d
28999	Chemical products, n.e.c.....	16	100.0	.6	72.1	24.3	.4	-	2.6	-	d
30	Rubber and miscellaneous plastics products.....	278	100.0	7.6	76.1	10.0	.1	.1	5.8	.3	b
302	Rubber footwear (including rubber and plastic combined).....	59	100.0	9.5	53.2	11.9	-	.3	25.1	-	c
3021	Rubber footwear (including rubber and plastic combined).....	59	100.0	9.5	53.2	11.9	-	.3	25.1	-	c
30211	Rubber footwear (including rubber and plastic combined).....	59	100.0	9.5	53.2	11.9	-	.3	25.1	-	c

See footnote at end of table.

TABLE 1. Percent Distribution of Commodities, by Means of Transport: 1967--Continued

TCC code	Commodity	Number	Percent distribution by means of transport								Sampling variability code ¹
			All means of transport	Rail	Motor carrier	Private truck	Air	Water	Other	Unknown	
	TONS OF SHIPMENTS--Continued	(thousands of tons)									
306	Miscellaneous fabricated rubber products.....	53	100.0	24.4	66.7	8.8	-	-	0.1	-	d
3061	Miscellaneous fabricated rubber products.....	53	100.0	24.4	66.7	8.8	-	-	.1	-	d
307	Miscellaneous plastic products.....	159	100.0	1.6	87.3	9.8	0.1	-	.7	0.5	c
3071	Miscellaneous plastic products.....	159	100.0	1.6	87.3	9.8	.1	-	.7	.5	c
30714	Unsupported vinyl and polyethylene film and sheeting.....	36	100.0	-	88.0	9.7	-	-	2.2	.1	c
30719	Fabricated plastics products, n.e.c. (including footwear made wholly of plastic).....	48	100.0	-	97.5	.2	.2	-	.6	1.5	d
31	Leather and leather products.....	112	100.0	1.2	83.4	1.6	.6	0.1	13.1	-	c
311	Leather, tanned and finished.....	26	100.0	.2	81.5	3.0	1.0	-	14.3	-	d
3111	Leather, tanned and finished.....	26	100.0	.2	81.5	3.0	1.0	-	14.3	-	d
31111	Leather, tanned and finished.....	26	100.0	.2	81.5	3.0	1.0	-	14.3	-	d
314	Footwear (except rubber).....	50	100.0	1.9	79.3	.3	.7	-	17.8	-	d
3141	Footwear (except house slippers and rubber footwear).....	32	100.0	2.8	89.5	.4	.6	-	6.6	.1	d
31411	Footwear (except house slippers and rubber footwear).....	32	100.0	2.8	89.5	.4	.6	-	6.6	.1	d
32	Stone, clay, and glass products.....	779	100.0	16.3	61.9	21.7	.1	-	-	-	d
329	Abrasives, asbestos, and miscellaneous nonmetallic mineral products.....	96	100.0	42.3	56.7	.3	.4	-	.3	-	c
3291	Abrasive products.....	83	100.0	37.9	61.4	-	.5	-	.2	-	c
33	Primary metal products.....	605	100.0	21.5	70.8	5.9	.1	1.6	.1	-	b
331	Steel works and rolling mill products.....	263	100.0	26.1	68.2	4.3	-	1.3	.1	-	d
3315	Steel wire, nails, and spikes.....	223	100.0	30.8	62.4	5.1	-	1.5	.2	-	d
335	Nonferrous metal basic shapes.....	282	100.0	19.3	70.9	7.3	.2	2.2	-	.1	b
3357	Nonferrous wire (including insulated wire).....	235	100.0	21.6	68.2	7.2	.2	2.7	-	.1	b
33574	Wire and cable, insulated, enameled or covered.....	220	100.0	23.0	66.3	7.6	.2	2.8	-	.1	a
339	Miscellaneous primary metal products..	32	100.0	23.0	76.3	.7	-	-	-	-	c
34	Fabricated metal products.....	375	100.0	5.8	73.7	19.3	.2	.6	.4	-	c
342	Cutlery, hand tools, and general hardware.....	72	100.0	-	97.2	.6	.1	.7	1.4	-	b
344	Structural and miscellaneous metal products.....	161	100.0	12.8	60.5	25.4	.1	1.2	-	-	d
345	Bolts, nuts, screws, rivets, washers, and other industrial fasteners.....	4	100.0	7.8	91.6	.2	.3	-	.1	-	d
3452	Bolts, nuts, screws, rivets, washers, and other industrial fasteners.....	4	100.0	7.8	91.6	.2	.3	-	.1	-	d
34521	Bolts, nuts, screws, rivets, and washers.....	2	100.0	5.4	94.2	.3	.1	-	-	-	d
349	Miscellaneous fabricated metal products.....	38	100.0	2.1	87.1	9.1	1.0	-	.7	-	d
35	Machinery, except electrical.....	296	100.0	4.6	88.7	4.6	.6	.5	1.0	-	d
354	Metalworking machinery and equipment..	29	100.0	10.9	82.2	4.3	.2	-	2.4	-	d
3541	Machine tools, metal cutting types....	19	100.0	-	96.0	-	.3	-	3.7	-	d
35412	Machine tools, metal cutting types....	19	100.0	-	96.0	-	.3	-	3.7	-	d
355	Special industry machinery (except metal working machinery).....	79	100.0	.5	87.2	11.6	.4	.1	.2	-	d
3559	Miscellaneous special industry machinery.....	18	100.0	.1	87.4	11.9	.1	.5	-	-	d
35599	Special industry machinery, n.e.c.....	17	100.0	.1	86.9	12.9	.1	-	-	-	d
357	Office, computing, and accounting machines.....	20	100.0	-	94.1	1.4	2.4	2.0	.1	-	d

See footnote at end of table.

TABLE 1. Percent Distribution of Commodities, by Means of Transport: 1967--Continued

TCC code	Commodity	Number	Percent distribution by means of transport								Sampling variability code ¹
			All means of transport	Rail	Motor carrier	Private truck	Air	Water	Other	Unknown	
	TONS OF SHIPMENTS--Continued	(thousands of tons)									
359	Miscellaneous machinery and parts (except electrical).....	15	100.0	19.8	65.4	8.7	3.3	1.6	1.2	-	d
3599	Miscellaneous machinery and parts (except electrical).....	15	100.0	19.8	65.4	8.7	3.3	1.6	1.2	-	d
35999	Machinery and parts, n.e.c. (except electrical).....	15	100.0	19.8	65.4	8.7	3.3	1.6	1.2	-	d
36	Electrical machinery and equipment.....	351	100.0	17.5	77.3	2.5	1.3	.3	1.1	-	d
362	Electrical industrial apparatus.....	11	100.0	31.8	61.9	3.1	2.7	-	.5	-	d
36433	Switches (except knife, time, solenoid, and automotive).....	9	100.0	26.6	51.7	15.1	4.9	-	1.6	0.1	d
36439	Current carrying wiring devices, n.e.c.	12	100.0	7.5	90.8	.5	.6	-	.6	-	d
365	Radio and television receiving sets (except communication types), phonographs, and phonograph records.....	15	100.0	9.1	87.6	1.5	.4	-	1.4	-	c
3651	Radio and television receiving sets (except communication types), and phonographs.....	15	100.0	9.1	87.6	1.5	.4	-	1.4	-	c
36511	Household and automotive radios, radio-phonograph combinations, phonographs..	15	100.0	9.1	87.6	1.5	.4	-	1.4	-	c
367	Electronic components or accessories...	4	100.0	4.0	58.0	4.0	14.7	-	19.3	-	c
3674	Solid state semiconductor devices.....	1	100.0	21.3	37.5	-	29.8	-	11.4	-	c
36741	Solid state semiconductor devices.....	1	100.0	21.3	37.5	-	29.8	-	11.4	-	c
3679	Miscellaneous electronic components and accessories.....	2	100.0	.4	47.7	6.1	14.2	-	31.6	-	d
36791	Miscellaneous electronic components and accessories.....	2	100.0	.4	47.7	6.1	14.2	-	31.6	-	d
3714	Motor vehicle parts and accessories....	15	100.0	22.1	58.5	18.6	.7	-	.1	-	d
38	Instruments, photographic goods, optical goods, watches, and clocks....	32	100.0	17.7	77.0	.8	1.0	.1	3.4	-	c
386	Photographic equipment and supplies....	3	100.0	3.5	96.0	-	.5	-	-	-	d
3861	Photographic equipment and supplies....	3	100.0	3.5	96.0	-	.5	-	-	-	d
39	Miscellaneous products of manufacturing	161	100.0	30.0	61.6	2.0	.7	-	5.7	-	b
3999	Manufactured products, n.e.c.....	11	100.0	42.8	48.4	1.4	-	-	7.0	.4	d
	TON-MILES OF SHIPMENTS	(millions of ton-miles)									
	Production Area 01, total.....	4,357	100.0	17.4	73.4	5.8	.4	1.4	1.5	.1	-
20	Food and kindred products.....	405	100.0	35.6	50.1	12.5	-	1.3	.5	-	-
201	Meat, poultry, and small game; fresh, chilled or frozen.....	37	100.0	38.2	44.1	14.3	-	-	3.4	-	-
2013	Meat products.....	15	100.0	14.8	78.5	6.7	-	-	-	-	-
203	Canned and preserved fruits, vegetables, and seafoods.....	86	100.0	11.0	66.0	23.0	-	-	-	-	-
207	Confectionery and related products.....	93	100.0	41.0	55.8	2.2	-	-	1.0	-	-
2071	Confectionery and related products.....	93	100.0	41.0	55.8	2.2	-	-	1.0	-	-
20711	Candy (bars, bulk, packaged).....	89	100.0	43.0	53.8	2.2	-	-	1.0	-	-
208	Beverages and flavoring extracts.....	76	100.0	26.7	42.8	23.5	-	6.9	.1	-	-
2086	Bottled and canned soft drinks and carbonated, mineral, and plain waters....	5	100.0	-	52.8	47.2	-	-	-	-	-
20861	Bottled and canned soft drinks and carbonated, mineral, and plain waters....	5	100.0	-	52.8	47.2	-	-	-	-	-

See footnotes at end of table.

TABLE 1. Percent Distribution of Commodities, by Means of Transport: 1967--Continued

TCC code	Commodity	Number	Percent distribution by means of transport								Sampling variability code ¹
			All means of transport	Rail	Motor carrier	Private truck	Air	Water	Other	Unknown	
	TON-MILES OF SHIPMENTS--Continued	(millions of ton-miles)									
22	Basic textiles.....	185	100.0	7.2	69.5	20.4	1.1	-	0.9	0.9	-
228	Thread and yarn (cotton, wool, silk, and man-made fiber).....	16	100.0	23.5	70.1	.8	-	-	5.6	-	-
2281	Yarn.....	16	100.0	23.5	70.1	.8	-	-	5.6	-	-
22819	Yarn, n.e.c.....	10	100.0	35.1	56.3	.2	-	-	8.4	-	-
229	Miscellaneous basic textiles.....	89	100.0	.7	59.5	36.3	1.3	-	.8	1.4	-
23	Apparel, including knit apparel, and other finished textile products.....	16	100.0	.2	79.8	6.8	.8	-	12.4	-	-
26	Pulp, paper, and allied products.....	180	100.0	31.3	55.9	11.3	.1	1.0	.4	-	-
264	Converted paper and paperboard products (except containers and boxes).....	36	100.0	33.1	59.3	.6	.2	5.1	1.7	-	-
265	Containers, boxes and related products, paperboard, fiberboard, and pulpboard.	61	100.0	6.6	70.1	23.3	-	-	-	-	-
28	Chemicals and allied products.....	1,645	100.0	6.2	88.9	3.8	.3	.6	.1	.1	-
282	Plastic materials and plasticizers, synthetic resins, rubbers, and fibers.	78	100.0	22.7	48.6	17.2	.1	11.1	.3	-	-
2821	Plastic materials and plasticizers, synthetic resins, rubbers, and fibers.	78	100.0	22.7	48.6	17.2	.1	11.1	.3	-	-
28211	Plastic materials and plasticizers, synthetic resins, and nonvulcanizable elastomers.....	76	100.0	22.2	48.5	17.6	.1	11.3	.3	-	-
284	Soap and detergents, cleaning preparations, perfumes, cosmetics, and other toilet preparations.....	129	100.0	17.9	63.0	17.5	.1	1.1	.3	.1	-
285	Paints, varnishes, lacquers, enamels, and allied products.....	25	100.0	1.5	71.2	25.9	.2	.7	.5	-	-
2851	Paints, varnishes, lacquers, enamels, and allied products.....	25	100.0	1.5	71.2	25.9	.2	.7	.5	-	-
289	Miscellaneous chemical products.....	55	100.0	23.0	66.4	9.5	.2	.4	.5	-	-
2891	Glue and gelatin.....	40	100.0	31.2	59.2	9.2	-	.2	.2	-	-
2899	Chemical products, n.e.c.....	12	100.0	1.2	82.4	13.0	.7	1.1	1.6	-	-
28999	Chemical products, n.e.c.....	10	100.0	1.5	93.0	2.6	.9	-	2.0	-	-
30	Rubber and miscellaneous plastics products.....	153	100.0	19.2	67.2	3.1	.1	.2	10.0	.2	-
302	Rubber footwear (including rubber and plastic combined).....	31	100.0	.6	53.8	1.4	-	1.0	43.2	-	-
3021	Rubber footwear (including rubber and plastic combined).....	31	100.0	.6	53.8	1.4	-	1.0	43.2	-	-
30211	Rubber footwear (including rubber and plastic combined).....	31	100.0	.6	53.8	1.4	-	1.0	43.2	-	-
306	Miscellaneous fabricated rubber products.....	41	100.0	66.5	31.6	1.8	-	.1	-	-	-
3061	Miscellaneous fabricated rubber products.....	41	100.0	66.5	31.6	1.8	-	.1	-	-	-
307	Miscellaneous plastic products.....	79	100.0	2.1	90.3	4.5	.1	-	2.6	.2	-
3071	Miscellaneous plastic products.....	79	100.0	2.1	90.3	4.5	.1	-	2.6	.2	-
30714	Unsupported vinyl and polyethylene film and sheeting.....	9	100.0	-	74.5	6.9	-	-	18.4	.2	-
30719	Fabricated plastics products, n.e.c. (including footwear made wholly of plastic).....	30	100.0	-	97.8	-	.2	-	.9	1.1	-
31	Leather and leather products.....	65	100.0	3.6	59.2	.2	1.0	-	36.0	-	-
311	Leather, tanned and finished.....	12	100.0	.4	66.2	.7	1.5	-	31.2	-	-
3111	Leather, tanned and finished.....	12	100.0	.4	66.2	.7	1.5	-	31.2	-	-
31111	Leather, tanned and finished.....	12	100.0	.4	66.2	.7	1.5	-	31.2	-	-

See footnote at end of table.

TABLE 1. Percent Distribution of Commodities, by Means of Transport: 1967--Continued

TCC code	Commodity	Number	Percent distribution by means of transport								Sampling variability code ¹
			All means of transport	Rail	Motor carrier	Private truck	Air	Water	Other	Unknown	
	TON-MILES OF SHIPMENTS--Continued	(millions of ton-miles)									
314	Footwear (except rubber).....	40	100.0	4.3	48.8	-	1.1	-	45.8	-	-
3141	Footwear (except house slippers and rubber footwear).....	21	100.0	8.1	70.9	-	1.6	-	19.4	-	-
31411	Footwear (except house slippers and rubber footwear).....	21	100.0	8.1	70.9	-	1.6	-	19.4	-	-
32	Stone, clay, and glass products.....	141	100.0	45.0	47.4	7.2	.3	-	.1	-	-
329	Abrasives, asbestos, and miscellaneous nonmetallic mineral products.....	50	100.0	35.6	63.1	.3	.7	-	.3	-	-
3291	Abrasive products.....	43	100.0	30.0	69.0	-	.8	-	.2	-	-
33	Primary metal products.....	344	100.0	33.3	60.5	1.7	.2	4.0	.3	-	-
331	Steel works and rolling mill products..	78	100.0	20.1	75.9	2.3	.1	.6	1.0	-	-
3315	Steel wire, nails, and spikes.....	73	100.0	21.4	74.4	2.5	-	.7	1.0	-	-
335	Nonferrous metal basic shapes.....	245	100.0	38.2	54.4	1.6	.2	5.4	.1	0.1	-
3357	Nonferrous wire (including insulated wire).....	217	100.0	42.9	49.4	1.2	.2	6.1	.1	.1	-
33574	Wire and cable, insulated, enameled or covered.....	212	100.0	43.9	48.2	1.2	.2	6.3	.1	.1	-
339	Miscellaneous primary metal products...	18	100.0	28.9	71.1	-	-	-	-	-	-
34	Fabricated metal products.....	245	100.0	11.8	84.4	2.9	.3	.2	.4	-	-
342	Cutlery, hand tools, and general hardware.....	108	100.0	-	99.1	-	-	.1	.8	-	-
344	Structural and miscellaneous metal products.....	77	100.0	35.9	59.9	3.6	.2	.4	-	-	-
345	Bolts, nuts, screws, rivets, washers, and other industrial fasteners.....	3	100.0	19.0	80.6	-	.4	-	-	-	-
3452	Bolts, nuts, screws, rivets, washers, and other industrial fasteners.....	3	100.0	19.0	80.6	-	.4	-	-	-	-
34521	Bolts, nuts, screws, rivets, and washers.....	2	100.0	19.5	80.1	-	.4	-	-	-	-
349	Miscellaneous fabricated metal products.....	26	100.0	1.5	95.5	.8	1.3	.1	.8	-	-
35	Machinery, except electrical.....	174	100.0	9.2	85.4	2.1	1.0	.3	2.0	-	-
354	Metalworking machinery and equipment...	18	100.0	14.2	74.2	2.1	.3	-	9.2	-	-
3541	Machine tools, metal cutting types.....	12	100.0	-	85.8	-	.4	-	13.8	-	-
35412	Machine tools, metal cutting types.....	12	100.0	-	85.8	-	.4	-	13.8	-	-
355	Special industry machinery (except metalworking machinery).....	45	100.0	2.0	90.7	6.5	.6	-	.2	-	-
3559	Miscellaneous special industry machinery.....	7	100.0	.5	98.8	.3	.2	.2	-	-	-
35599	Special industry machinery, n.e.c.....	6	100.0	.5	98.9	.4	.2	-	-	-	-
357	Office, computing, and accounting machines.....	11	100.0	-	96.7	-	2.5	.5	.3	-	-
359	Miscellaneous machinery and parts (except electrical).....	11	100.0	39.7	52.7	1.2	4.7	.4	1.3	-	-
3599	Miscellaneous machinery and parts (except electrical).....	11	100.0	39.7	52.7	1.2	4.7	.4	1.3	-	-
35999	Machinery and parts, n.e.c. (except electrical).....	11	100.0	39.7	52.7	1.2	4.7	.4	1.3	-	-
36	Electrical machinery and equipment.....	404	100.0	19.4	75.7	1.7	.8	1.5	.9	-	-
362	Electrical industrial apparatus.....	8	100.0	45.0	49.6	.1	4.6	-	.7	-	-
36433	Switches (except knife, time, solenoid, and automotive).....	4	100.0	10.4	60.2	3.4	22.6	-	3.2	.2	-
36439	Current carrying wiring devices, n.e.c.	11	100.0	21.3	76.7	-	.7	-	1.3	-	-

See footnote at end of table.

TABLE 1. Percent Distribution of Commodities, by Means of Transport: 1967--Continued

TCC code	Commodity	Number	Percent distribution by means of transport								Sampling variability code ¹
			All means of transport	Rail	Motor carrier	Private truck	Air	Water	Other	Unknown	
	TON-MILES OF SHIPMENTS--Continued	(millions of ton-miles)									
365	Radio and television receiving sets (except communication types), phonographs, and phonograph records.....	12	100.0	18.7	79.0	0.1	0.7	-	1.5	-	-
3651	Radio and television receiving sets (except communication types), and phonographs.....	12	100.0	18.7	79.1	.1	.6	-	1.5	-	-
36511	Household and automotive radios, radio-phonograph combinations, phonographs..	12	100.0	18.7	79.1	.1	.6	-	1.5	-	-
367	Electronic components or accessories...	3	100.0	3.6	61.9	.2	20.3	-	14.0	-	-
3674	Solid state semiconductor devices.....	1	100.0	17.3	35.9	-	37.0	-	9.7	0.1	-
36741	Solid state semiconductor devices.....	1	100.0	17.3	35.9	-	37.0	-	9.7	.1	-
3679	Miscellaneous electronic components and accessories.....	2	100.0	.6	47.7	.2	24.6	-	26.9	-	-
36791	Miscellaneous electronic components and accessories.....	2	100.0	.6	47.7	.2	24.6	-	26.9	-	-
3714	Motor vehicle parts and accessories....	10	100.0	56.2	41.7	1.1	.9	-	.1	-	-
38	Instruments, photographic goods, optical goods, watches, and clocks....	27	100.0	37.7	56.1	.7	1.8	0.5	3.2	-	-
386	Photographic equipment and supplies....	1	100.0	4.2	94.8	-	1.0	-	-	-	-
3861	Photographic equipment and supplies....	1	100.0	4.2	94.8	-	1.0	-	-	-	-
39	Miscellaneous products of manufacturing	146	100.0	52.4	39.6	.5	1.3	.2	6.0	-	-
3999	Manufactured products, n.e.c.....	11	100.0	61.5	24.3	.1	.1	-	13.6	.4	-

¹Code letter indicates a sampling variability range as follows: a, 0-9 percent; b, 10-19 percent; c, 20-29 percent; and d, 30-50 percent. The variability for ton-miles has not been estimated.

TABLE 2. Percent Distribution of Commodities, by Distance of Shipment: 1967

TCC code	Commodity	Number	Percent distribution by distance of shipment								Sampling variability code ¹
			All distances	Under 100 miles	100 to 199 miles	200 to 299 miles	300 to 499 miles	500 to 999 miles	1,000 to 1,499 miles	1,500 miles or over	
	TONS OF SHIPMENTS	(thousands of tons)									
	Production Area 01, total.....	11,561	100.0	40.2	15.5	7.8	5.0	25.2	2.4	3.9	-
20	Food and kindred products.....	1,709	100.0	48.4	16.4	12.3	12.9	6.4	2.0	1.6	b
201	Meat, poultry, and small game; fresh, chilled or frozen.....	270	100.0	60.4	22.9	4.2	9.7	1.8	.5	.5	c
2013	Meat products.....	101	100.0	56.4	33.2	2.0	4.1	1.5	1.4	1.4	d
203	Canned and preserved fruits, vegetables, and seafoods.....	285	100.0	40.0	14.1	7.2	18.0	14.9	4.9	.9	d
207	Confectionery and related products.....	132	100.0	16.5	12.1	9.1	19.3	24.2	6.7	12.1	d
2071	Confectionery and related products.....	132	100.0	16.5	12.1	9.1	19.3	24.2	6.7	12.1	d
20711	Candy (bars, bulk, packaged).....	122	100.0	17.5	9.2	9.4	20.3	24.0	6.6	13.0	d
208	Beverages and flavoring extracts.....	388	100.0	56.3	19.6	10.8	4.6	4.7	2.7	1.3	c
2086	Bottled and canned soft drinks and carbonated, mineral, and plain waters....	71	100.0	85.5	12.3	1.0	.4	.7	.1	-	c
20861	Bottled and canned soft drinks and carbonated, mineral, and plain waters....	71	100.0	85.5	12.3	1.0	.4	.7	.1	-	c
22	Basic textiles.....	499	100.0	26.7	31.5	6.2	4.0	25.8	2.8	3.0	c
228	Thread and yarn (cotton, wool, silk, and man-made fiber).....	51	100.0	27.5	39.5	14.1	1.0	12.7	.6	4.6	d
2281	Yarn.....	51	100.0	27.5	39.5	14.1	1.0	12.7	.6	4.6	d
22819	Yarn, n.e.c.....	17	100.0	17.0	29.8	6.5	2.5	29.3	1.6	13.3	d
229	Miscellaneous basic textiles.....	233	100.0	33.7	15.0	4.5	4.7	39.6	1.4	1.1	c
23	Apparel, including knit apparel, and other finished textile products.....	48	100.0	29.6	33.1	7.7	7.1	15.6	3.8	3.1	d
26	Pulp, paper, and allied products.....	842	100.0	59.8	17.9	7.5	3.2	6.8	2.8	2.0	d
264	Converted paper and paperboard products (except containers and boxes).....	97	100.0	29.4	25.4	13.4	7.8	14.0	7.9	2.1	d
265	Containers, boxes and related products, paperboard, fiberboard, and pulpboard.	510	100.0	77.6	14.8	3.0	.6	1.6	.8	1.6	d
28	Chemicals and allied products.....	3,433	100.0	23.6	10.7	5.5	2.3	55.5	1.0	1.4	b
282	Plastic materials and plasticizers, synthetic resins, rubbers, and fibers.	190	100.0	26.8	23.2	7.5	13.6	18.7	5.7	4.5	d
2821	Plastic materials and plasticizers, synthetic resins, rubbers, and fibers.	190	100.0	26.8	23.2	7.5	13.6	18.7	5.7	4.5	d
28211	Plastic materials and plasticizers, synthetic resins, and nonvulcanizable elastomers.....	187	100.0	27.0	23.1	7.6	13.8	18.2	5.8	4.5	d
284	Soap and detergents, cleaning preparations, perfumes, cosmetics, and other toilet preparations.....	378	100.0	30.0	27.9	18.3	2.6	16.3	1.8	3.1	d
285	Paints, varnishes, lacquers, enamels, and allied products.....	120	100.0	50.7	15.4	13.5	10.3	6.7	2.6	.8	d
2851	Paints, varnishes, lacquers, enamels, and allied products.....	120	100.0	50.7	15.4	13.5	10.3	6.7	2.6	.8	d
289	Miscellaneous chemical products.....	114	100.0	23.4	18.5	10.1	19.4	13.9	9.8	4.9	d
2891	Glue and gelatin.....	74	100.0	10.6	17.1	7.8	29.7	19.3	11.2	4.3	d
2899	Chemical products, n.e.c.....	35	100.0	52.2	15.3	16.5	.4	3.7	5.6	6.3	d
28999	Chemical products, n.e.c.....	16	100.0	36.6	6.9	23.1	.7	8.0	10.8	13.9	d
30	Rubber and miscellaneous plastics products.....	278	100.0	25.6	13.8	12.3	8.5	26.4	6.2	7.2	b
302	Rubber footwear (including rubber and plastic combined).....	59	100.0	32.6	5.9	8.2	7.7	32.9	10.3	2.4	c
3021	Rubber footwear (including rubber and plastic combined).....	59	100.0	32.6	5.9	8.2	7.7	32.9	10.3	2.4	c
30211	Rubber footwear (including rubber and plastic combined).....	59	100.0	32.6	5.9	8.2	7.7	32.9	10.3	2.4	c

See footnote at end of table.

TABLE 2. Percent Distribution of Commodities, by Distance of Shipment: 1967--Continued

TCC code	Commodity	Number	Percent distribution by distance of shipment								Sampling variability code ¹
			All distances	Under 100 miles	100 to 199 miles	200 to 299 miles	300 to 499 miles	500 to 999 miles	1,000 to 1,499 miles	1,500 miles or over	
	TONS OF SHIPMENTS--Continued	(thousands of tons)									
306	Miscellaneous fabricated rubber products.....	53	100.0	14.4	19.7	22.5	4.7	10.7	8.2	19.8	d
3061	Miscellaneous fabricated rubber products.....	53	100.0	14.4	19.7	22.5	4.7	10.7	8.2	19.8	d
307	Miscellaneous plastic products.....	159	100.0	26.0	14.3	10.7	9.9	29.9	4.2	5.0	c
3071	Miscellaneous plastic products.....	159	100.0	26.0	14.3	10.7	9.9	29.9	4.2	5.0	c
30714	Unsupported vinyl and polyethylene film and sheeting.....	36	100.0	41.7	26.3	13.7	5.2	6.6	4.1	2.4	c
30719	Fabricated plastics products, n.e.c. (including footwear made wholly of plastic).....	48	100.0	15.2	10.6	6.4	7.8	54.0	1.6	4.4	d
31	Leather and leather products.....	112	100.0	28.6	16.8	8.9	11.7	12.1	11.4	10.5	c
311	Leather, tanned and finished.....	26	100.0	19.9	27.8	9.3	5.2	7.6	29.5	.7	d
3111	Leather, tanned and finished.....	26	100.0	19.9	27.8	9.3	5.2	7.6	29.5	.7	d
31111	Leather, tanned and finished.....	26	100.0	19.9	27.8	9.3	5.2	7.6	29.5	.7	d
314	Footwear (except rubber).....	50	100.0	28.8	5.7	7.3	16.5	13.5	6.9	21.3	d
3141	Footwear (except house slippers and rubber footwear).....	32	100.0	22.5	8.1	9.8	24.1	12.9	9.2	13.4	d
31411	Footwear (except house slippers and rubber footwear).....	32	100.0	22.5	8.1	9.8	24.1	12.9	9.2	13.4	d
32	Stone, clay, and glass products.....	779	100.0	63.7	15.6	4.7	4.2	9.1	1.0	1.7	d
329	Abrasives, asbestos, and miscellaneous nonmetallic mineral products.....	96	100.0	5.0	24.1	7.3	12.3	43.4	2.4	5.5	c
3291	Abrasive products.....	83	100.0	5.6	27.7	8.4	13.6	36.0	2.3	6.4	c
33	Primary metal products.....	605	100.0	23.4	17.1	15.5	5.4	23.1	5.8	9.7	b
331	Steel works and rolling mill products...	263	100.0	34.3	21.0	19.0	2.3	20.5	2.3	.6	d
3315	Steel wire, nails, and spikes.....	223	100.0	29.0	20.8	21.0	2.7	23.6	2.2	.7	d
335	Nonferrous metal basic shapes.....	282	100.0	8.5	13.1	13.2	7.7	28.5	10.1	18.9	b
3357	Nonferrous wire (including insulated wire).....	235	100.0	7.9	15.0	8.9	8.6	28.2	11.3	20.1	b
33574	Wire and cable, insulated, enameled or covered.....	220	100.0	7.9	15.7	5.8	9.2	28.0	12.0	21.4	a
339	Miscellaneous primary metal products....	32	100.0	18.5	16.8	18.7	15.8	15.8	2.0	12.4	c
34	Fabricated metal products.....	375	100.0	33.5	9.7	5.5	4.1	25.3	3.5	18.4	c
342	Cutlery, hand tools, and general hardware.....	72	100.0	2.1	8.5	4.4	2.5	17.8	2.9	61.8	b
344	Structural and miscellaneous metal products.....	161	100.0	39.2	6.9	3.2	3.3	36.5	3.5	7.4	d
345	Bolts, nuts, screws, rivets, washers, and other industrial fasteners.....	4	100.0	8.2	13.6	3.9	14.2	40.3	6.7	13.1	d
3452	Bolts, nuts, screws, rivets, washers, and other industrial fasteners.....	4	100.0	8.2	13.6	3.9	14.2	40.3	6.7	13.1	d
34521	Bolts, nuts, screws, rivets, and washers	2	100.0	13.3	20.2	6.4	4.3	48.5	2.4	4.9	d
349	Miscellaneous fabricated metal products.	38	100.0	14.3	22.1	20.5	6.9	6.1	6.0	23.9	d
35	Machinery, except electrical.....	296	100.0	20.8	15.8	11.2	9.3	24.7	10.0	8.2	d
354	Metalworking machinery and equipment....	29	100.0	11.3	15.8	8.9	13.2	30.0	14.4	6.4	d
3541	Machine tools, metal cutting types.....	19	100.0	14.0	22.0	4.8	4.5	35.8	10.5	8.4	c
35412	Machine tools, metal cutting types.....	19	100.0	14.0	22.0	4.8	4.5	35.8	10.5	8.4	c
355	Special industry machinery (except metalworking machinery).....	79	100.0	23.4	15.8	5.9	5.9	36.8	5.4	6.8	d
3559	Miscellaneous special industry machinery	18	100.0	40.5	15.0	4.0	16.0	15.1	4.8	4.6	d
35599	Special industry machinery, n.e.c.....	17	100.0	44.2	15.8	2.6	11.7	15.5	5.2	5.0	d
357	Office, computing, and accounting machines.....	20	100.0	37.9	13.9	2.6	6.5	17.9	9.2	12.0	d

See footnote at end of table.

TABLE 2. Percent Distribution of Commodities, by Distance of Shipment: 1967--Continued

TCC code	Commodity	Number	Percent distribution by distance of shipment								Sampling variability code ¹
			All distances	Under 100 miles	100 to 199 miles	200 to 299 miles	300 to 499 miles	500 to 999 miles	1,000 to 1,499 miles	1,500 miles or over	
	TONS OF SHIPMENTS--Continued	(thousands of tons)									
359	Miscellaneous machinery and parts (except electrical).....	15	100.0	8.9	11.4	3.8	8.0	43.3	19.3	5.3	d
3599	Miscellaneous machinery and parts (except electrical).....	15	100.0	8.9	11.4	3.8	8.0	43.3	19.3	5.3	d
35999	Machinery and parts, n.e.c. (except electrical).....	15	100.0	8.9	11.4	3.8	8.0	43.3	19.3	5.3	d
36	Electrical machinery and equipment.....	351	100.0	5.7	8.0	4.7	4.1	44.0	6.2	27.3	d
362	Electrical industrial apparatus.....	11	100.0	9.5	11.2	5.9	3.7	64.9	2.8	2.0	d
36433	Switches (except knife, time, solenoid, and automotive).....	9	100.0	15.5	49.3	5.0	5.8	17.5	2.3	4.6	d
36439	Current carrying wiring devices, n.e.c..	12	100.0	11.5	8.9	8.3	5.7	39.2	10.2	16.2	d
365	Radio and television receiving sets (except communication types), phonographs and phonograph records.....	15	100.0	4.4	23.7	14.2	6.2	23.0	14.8	13.7	c
3651	Radio and television receiving sets (except communication types), and phonographs.....	15	100.0	4.4	23.6	14.2	6.3	23.0	14.8	13.7	c
36511	Household and automotive radios, radio-phonograph combinations, phonographs	15	100.0	4.3	23.7	14.0	6.3	23.1	14.9	13.7	c
367	Electronic components or accessories....	4	100.0	9.9	9.7	4.4	23.3	18.9	9.3	24.5	c
3674	Solid state semiconductor devices.....	1	100.0	8.2	19.7	6.6	3.7	9.1	20.1	32.6	c
36741	Solid state semiconductor devices.....	1	100.0	8.2	19.7	6.6	3.7	9.1	20.1	32.6	c
3679	Miscellaneous electronic components and accessories.....	2	100.0	15.1	8.9	3.5	20.9	26.2	11.2	14.2	d
36791	Miscellaneous electronic components and accessories.....	2	100.0	15.1	8.9	3.5	20.9	26.2	11.2	14.2	d
3714	Motor vehicle parts and accessories.....	15	100.0	29.7	6.2	12.3	12.0	14.7	9.0	16.1	d
38	Instruments, photographic goods, optical goods, watches, and clocks.....	32	100.0	11.1	16.0	16.9	8.8	22.8	4.6	19.8	c
386	Photographic equipment and supplies.....	3	100.0	67.8	6.0	.8	4.9	5.1	2.4	13.0	d
3861	Photographic equipment and supplies.....	3	100.0	67.8	6.0	.8	4.9	5.1	2.4	13.0	d
39	Miscellaneous products of manufacturing.	161	100.0	9.4	23.8	3.2	4.9	26.3	9.2	23.2	b
3999	Manufactured products, n.e.c.....	11	100.0	3.1	24.9	7.4	.4	5.6	6.3	52.3	d
	TON-MILES OF SHIPMENTS	(millions of ton-miles)									
	Production Area 01, total.....	4,357	100.0	4.3	6.2	4.9	5.0	48.1	7.5	24.0	-
20	Food and kindred products.....	405	100.0	8.6	10.4	13.4	21.4	19.7	10.3	16.2	-
201	Meat, poultry, and small game; fresh, chilled or frozen.....	37	100.0	18.8	24.8	7.7	25.8	10.0	4.4	8.5	-
2013	Meat products.....	15	100.0	18.1	30.0	2.8	10.4	7.5	10.7	20.5	-
203	Canned and preserved fruits, vegetables, and seafoods.....	86	100.0	5.7	7.1	6.0	22.1	34.0	19.1	6.0	-
207	Confectionery and related products.....	93	100.0	1.2	2.9	3.3	11.8	24.8	12.2	43.8	-
2071	Confectionery and related products.....	93	100.0	1.2	2.9	3.3	11.8	24.8	12.2	43.8	-
20711	Candy (bars, bulk, packaged).....	89	100.0	1.2	2.0	3.3	12.1	24.1	11.6	45.7	-
208	Beverages and flavoring extracts.....	76	100.0	12.1	15.3	12.3	9.7	17.8	16.3	16.5	-
2086	Bottled and canned soft drinks and carbonated, mineral, and plain waters.....	5	100.0	59.2	25.8	3.4	2.0	7.8	1.8	-	-
20861	Bottled and canned soft drinks and carbonated, mineral, and plain waters.....	5	100.0	59.2	25.8	3.4	2.0	7.8	1.8	-	-

See footnote at end of table.

TABLE 2. Percent Distribution of Commodities, by Distance of Shipment: 1967--Continued

TCC code	Commodity	Number	Percent distribution by distance of shipment								Sampling variability code ¹
			All distances	Under 100 miles	100 to 199 miles	200 to 299 miles	300 to 499 miles	500 to 999 miles	1,000 to 1,499 miles	1,500 miles or over	
	TON-MILES OF SHIPMENTS--Continued	(millions of ton-miles)									
22	Basic textiles.....	185	100.0	2.6	13.0	3.9	3.7	50.1	8.7	18.0	-
228	Thread and yarn (cotton, wool, silk, and man-made fiber).....	16	100.0	2.9	19.7	10.9	1.2	29.9	2.5	32.9	-
2281	Yarn.....	16	100.0	2.9	19.7	10.9	1.2	29.9	2.5	32.9	-
22819	Yarn, n.e.c.....	10	100.0	1.0	7.7	2.5	1.6	35.5	3.2	48.5	-
229	Miscellaneous basic textiles.....	89	100.0	3.5	5.6	2.9	4.1	73.7	4.2	6.0	-
23	Apparel, including knit apparel, and other finished textile products.....	16	100.0	3.6	16.0	6.0	8.2	33.9	14.4	17.9	-
26	Pulp, paper, and allied products.....	180	100.0	10.3	12.7	8.5	5.5	23.9	15.7	23.4	-
264	Converted paper and paperboard products (except containers and boxes).....	36	100.0	3.6	10.9	8.9	7.9	27.4	26.9	14.4	-
265	Containers, boxes and related products, paperboard, fiberboard, and pulpboard..	61	100.0	22.2	17.5	6.1	1.8	11.3	7.2	33.9	-
28	Chemicals and allied products.....	1,645	100.0	2.3	3.3	2.6	1.8	81.5	2.4	6.1	-
282	Plastic materials and plasticizers, synthetic resins, rubbers, and fibers..	78	100.0	2.5	9.5	4.7	12.3	35.0	17.0	19.0	-
2821	Plastic materials and plasticizers, synthetic resins, rubbers, and fibers..	78	100.0	2.5	9.5	4.7	12.3	35.0	17.0	19.0	-
28211	Plastic materials and plasticizers, synthetic resins, and nonvulcanizable elastomers.....	76	100.0	2.6	9.5	4.8	12.5	34.3	17.2	19.1	-
284	Soap and detergents, cleaning preparations, perfumes, cosmetics, and other toilet preparations.....	129	100.0	4.4	12.6	12.0	2.9	38.3	5.8	24.0	-
285	Paints, varnishes, lacquers, enamels, and allied products.....	25	100.0	11.2	9.7	14.6	17.6	25.1	14.5	7.3	-
2851	Paints, varnishes, lacquers, enamels, and allied products.....	25	100.0	11.2	9.7	14.6	17.6	25.1	14.5	7.3	-
289	Miscellaneous chemical products.....	55	100.0	2.7	6.1	5.2	14.2	21.9	23.6	26.3	-
2891	Glue and gelatin.....	40	100.0	.8	5.3	3.4	19.3	27.1	23.5	20.6	-
2899	Chemical products, n.e.c.....	12	100.0	9.2	6.7	12.1	.4	7.4	18.1	46.1	-
28999	Chemical products, n.e.c.....	10	100.0	3.6	1.6	9.2	.4	8.9	19.4	56.9	-
30	Rubber and miscellaneous plastics products.....	153	100.0	1.9	4.0	5.3	5.6	38.9	12.9	31.4	-
302	Rubber footwear (including rubber and plastic combined).....	31	100.0	2.7	1.8	3.8	5.4	52.6	23.0	10.7	-
3021	Rubber footwear (including rubber and plastic combined).....	31	100.0	2.7	1.8	3.8	5.4	52.6	23.0	10.7	-
30211	Rubber footwear (including rubber and plastic combined).....	31	100.0	2.7	1.8	3.8	5.4	52.6	23.0	10.7	-
306	Miscellaneous fabricated rubber products	41	100.0	.8	4.0	6.6	2.4	10.7	11.3	64.2	-
3061	Miscellaneous fabricated rubber products	41	100.0	.8	4.0	6.6	2.4	10.7	11.3	64.2	-
307	Miscellaneous plastic products.....	79	100.0	2.1	4.6	5.1	7.0	48.4	9.9	22.9	-
3071	Miscellaneous plastic products.....	79	100.0	2.1	4.6	5.1	7.0	48.4	9.9	22.9	-
30714	Unsupported vinyl and polyethylene film and sheeting.....	9	100.0	8.6	16.5	12.5	8.6	17.2	16.6	20.0	-
30719	Fabricated plastics products, n.e.c. (including footwear made wholly of plastic).....	30	100.0	1.4	2.9	2.4	4.2	69.1	3.1	16.9	-
31	Leather and leather products.....	65	100.0	1.9	5.0	3.7	7.4	16.6	21.4	44.0	-
311	Leather, tanned and finished.....	12	100.0	1.1	10.5	4.5	3.8	12.7	64.5	2.9	-
3111	Leather, tanned and finished.....	12	100.0	1.1	10.5	4.5	3.8	12.7	64.5	2.9	-
31111	Leather, tanned and finished.....	12	100.0	1.1	10.5	4.5	3.8	12.7	64.5	2.9	-

See footnote at end of table.

TABLE 2. Percent Distribution of Commodities, by Distance of Shipment: 1967--Continued

TCC code	Commodity	Number	Percent distribution by distance of shipment								Sampling variability code ¹
			All distances	Under 100 miles	100 to 199 miles	200 to 299 miles	300 to 499 miles	500 to 999 miles	1,000 to 1,499 miles	1,500 miles or over	
	TON-MILES OF SHIPMENTS--Continued	(millions of ton-miles)									
314	Footwear (except rubber).....	40	100.0	1.3	1.3	2.3	7.8	12.9	9.7	64.7	-
3141	Footwear (except house slippers and rubber footwear).....	21	100.0	1.0	2.2	3.8	14.0	14.7	15.9	48.4	-
31411	Footwear (except house slippers and rubber footwear).....	21	100.0	1.0	2.2	3.8	14.0	14.7	15.9	48.4	-
32	Stone, clay, and glass products.....	141	100.0	14.6	12.7	6.3	9.0	32.9	6.6	17.9	-
329	Abrasives, asbestos, and miscellaneous nonmetallic mineral products.....	50	100.0	.5	5.5	3.3	9.5	56.3	5.1	19.8	-
3291	Abrasive products.....	43	100.0	.5	6.4	3.9	10.9	49.9	5.1	23.3	-
33	Primary metal products.....	344	100.0	2.0	4.5	5.9	3.8	31.3	12.3	40.2	-
331	Steel works and rolling mill products...	78	100.0	6.4	10.2	13.6	2.9	54.4	8.8	3.7	-
3315	Steel wire, nails, and spikes.....	73	100.0	6.0	9.3	13.7	3.0	56.4	7.7	3.9	-
335	Nonferrous metal basic shapes.....	245	100.0	.3	2.3	3.3	3.6	25.1	14.0	51.4	-
3357	Nonferrous wire (including insulated wire).....	217	100.0	.2	2.6	2.2	3.8	23.6	14.9	52.7	-
33574	Wire and cable, insulated, enameled or covered.....	212	100.0	.2	2.6	1.4	3.9	22.9	15.1	53.9	-
339	Miscellaneous primary metal products....	18	100.0	2.0	4.4	7.6	12.2	18.7	3.9	51.2	-
34	Fabricated metal products.....	245	100.0	1.9	2.2	2.0	2.4	28.3	6.3	56.9	-
342	Cutlery, hand tools, and general hardware.....	108	100.0	.1	1.0	.7	.7	9.6	2.4	85.5	-
344	Structural and miscellaneous metal products.....	77	100.0	2.8	2.0	1.6	2.4	54.2	8.1	28.9	-
345	Bolts, nuts, screws, rivets, washers, and other industrial fasteners.....	3	100.0	.4	2.6	1.3	6.4	41.3	9.4	38.6	-
3452	Bolts, nuts, screws, rivets, washers, and other industrial fasteners.....	3	100.0	.4	2.6	1.3	6.4	41.3	9.4	38.6	-
34521	Bolts, nuts, screws, rivets, and washers	2	100.0	.7	4.8	2.7	2.9	65.7	4.0	19.2	-
349	Miscellaneous fabricated metal products,	26	100.0	1.0	5.2	7.6	3.9	6.9	10.6	64.8	-
35	Machinery, except electrical.....	174	100.0	1.5	4.3	4.5	5.7	32.4	20.5	31.1	-
354	Metalworking machinery and equipment...	18	100.0	1.0	4.0	3.2	7.3	35.9	26.0	22.6	-
3541	Machine tools, metal cutting types.....	12	100.0	1.2	5.4	1.8	2.7	40.8	17.8	30.3	-
35412	Machine tools, metal cutting types.....	12	100.0	1.2	5.4	1.8	2.7	40.8	17.8	30.3	-
355	Special industry machinery (except metalworking machinery).....	45	100.0	1.7	4.2	2.4	3.8	49.6	11.2	27.1	-
3559	Miscellaneous special industry machinery	7	100.0	3.3	5.4	2.7	15.0	31.7	14.2	27.7	-
35599	Special industry machinery, n.e.c.....	6	100.0	3.6	5.6	1.6	11.4	32.5	15.4	29.9	-
357	Office, computing, and accounting machines.....	11	100.0	.6	4.0	1.0	4.5	22.5	18.4	49.4	-
359	Miscellaneous machinery and parts (except electrical).....	11	100.0	.4	2.4	1.2	4.6	40.7	34.4	16.3	-
3599	Miscellaneous machinery and parts (except electrical).....	11	100.0	.4	2.4	1.2	4.6	40.7	34.4	16.3	-
35999	Machinery and parts, n.e.c. (except electrical).....	11	100.0	.4	2.4	1.6	4.6	40.7	34.4	16.3	-
36	Electrical machinery and equipment.....	404	100.0	.2	1.1	1.0	1.5	30.6	6.3	59.3	-
362	Electrical industrial apparatus.....	8	100.0	.9	2.9	1.9	1.8	81.6	4.5	6.4	-
36433	Switches (except knife, time, solenoid, and automotive).....	4	100.0	2.8	18.9	3.0	5.2	33.2	6.7	30.2	-
36439	Current carrying wiring devices, n.e.c...	11	100.0	.6	1.5	2.4	2.5	35.4	13.1	44.5	-

See footnote at end of table.

TABLE 2. Percent Distribution of Commodities, by Distance of Shipment: 1967--Continued

TCC code	Commodity	Number	Percent distribution by distance of shipment								Sampling variability code ¹
			All distances	Under 100 miles	100 to 199 miles	200 to 299 miles	300 to 499 miles	500 to 999 miles	1,000 to 1,499 miles	1,500 miles or over	
	TON-MILES OF SHIPMENTS--Continued	(millions of ton-miles)									
365	Radio and television receiving sets (except communication types), phonographs and phonograph records.....	12	100.0	0.3	5.6	4.3	3.2	21.9	23.2	41.5	-
3651	Radio and television receiving sets (except communication types), and phonographs.....	12	100.0	.3	5.7	4.3	3.2	21.9	23.2	41.4	-
36511	Household and automotive radios, radio-phonograph combinations, phonographs...	12	100.0	.3	5.7	4.2	3.2	21.9	23.2	41.5	-
367	Electronic components or accessories....	3	100.0	.3	1.9	1.2	9.7	15.1	11.8	60.0	-
3674	Solid state semiconductor devices.....	1	100.0	.2	3.5	1.5	1.4	6.7	22.5	64.2	-
36741	Solid state semiconductor devices.....	1	100.0	.2	3.5	1.5	1.4	6.7	22.5	64.2	-
3679	Miscellaneous electronic components and accessories.....	2	100.0	.6	2.0	1.1	10.6	26.0	17.7	42.0	-
36791	Miscellaneous electronic components and accessories.....	2	100.0	.6	2.0	1.1	10.6	26.0	17.7	42.0	-
3714	Motor vehicle parts and accessories.....	10	100.0	2.3	1.5	4.1	6.5	13.3	15.7	56.6	-
38	Instruments, photographic goods, optical goods, watches, and clocks.....	27	100.0	.6	3.4	4.4	4.2	22.7	6.8	57.9	-
386	Photographic equipment and supplies.....	1	100.0	8.9	2.4	.5	3.9	9.5	6.9	67.9	-
3861	Photographic equipment and supplies.....	1	100.0	8.9	2.4	.5	3.9	9.5	6.9	67.9	-
39	Miscellaneous products of manufacturing.	146	100.0	.4	4.3	.9	2.2	22.0	11.9	58.3	-
3999	Manufactured products, n.e.c.....	11	100.0	.1	4.3	1.6	.2	4.0	7.0	82.8	-

¹Code letter indicates a sampling variability range as follows: a, 0-9 percent; b, 10-19 percent; c, 20-29 percent; and d, 30-50 percent. The variability for ton-miles has not been estimated.

TABLE 3. Percent Distribution of Commodities, by Geographic Division of Destination: 1967

TCC code	Commodity	Number	Percent distribution by geographic division ¹ of destination										Sampling variability code ³
			All means of transport	New England	Middle Atlantic	East North Central	West North Central	South Atlantic	East South Central	West South Central	Mountain	Pacific ²	
	TONS OF SHIPMENTS	(thous. of tons)											
	Production Area 01, total.....	11,561	100.0	49.0	17.7	7.6	1.1	18.2	2.1	1.4	0.3	2.6	-
20	Food and kindred products.....	1,709	100.0	60.1	25.4	4.7	.6	6.8	.3	.8	.1	1.2	b
22	Basic textiles.....	499	100.0	28.0	37.7	14.8	.6	12.3	3.1	1.4	.2	1.9	c
23	Apparel, including knit apparel, and other finished textile products.....	48	100.0	34.7	38.7	12.8	2.4	6.4	1.5	1.8	1.0	.7	d
26	Pulp, paper, and allied products.....	842	100.0	69.7	17.8	5.6	1.4	2.4	.5	.9	-	1.7	d
28	Chemicals and allied products.....	3,433	100.0	30.8	10.4	4.8	.3	48.0	4.3	.7	-	.7	b
30	Rubber and miscellaneous plastics products.....	278	100.0	29.0	28.2	20.9	4.3	7.5	1.8	2.2	.5	5.6	b
31	Leather and leather products.....	112	100.0	35.2	27.6	8.5	9.4	4.9	2.8	2.3	.7	8.6	c
32	Stone, clay, and glass products.....	779	100.0	70.1	17.3	8.6	.4	.9	.7	1.6	-	.4	d
33	Primary metal products.....	605	100.0	26.4	32.9	16.4	2.5	9.5	1.3	2.5	1.8	6.7	b
34	Fabricated metal products.....	375	100.0	35.7	15.9	12.7	2.1	10.8	3.8	9.9	1.8	7.3	c
35	Machinery, except electrical.....	296	100.0	22.5	29.8	12.0	4.7	15.9	4.5	4.9	1.1	4.6	d
36	Electrical machinery and equipment.....	351	100.0	7.9	12.3	39.0	4.4	7.2	1.6	1.8	1.8	24.0	d
38	Instruments, photographic goods, optical goods, watches, and clocks.....	32	100.0	12.2	34.9	11.5	2.5	17.4	.7	3.6	.9	16.3	c
39	Miscellaneous products of manufacturing.	161	100.0	10.0	29.9	14.2	4.6	9.0	8.2	7.2	1.0	15.9	b
	TON-MILES OF SHIPMENTS	(millions of ton-miles)											
	Production Area 01, total.....	4,357	100.0	7.8	10.8	15.1	3.3	32.3	5.0	5.8	1.6	18.3	-
20	Food and kindred products.....	405	100.0	16.4	30.1	13.7	3.1	16.3	1.4	4.9	.8	13.3	-
22	Basic textiles.....	185	100.0	3.0	17.7	26.4	1.9	23.3	7.8	5.7	1.1	13.1	-
23	Apparel, including knit apparel, and other finished textile products.....	16	100.0	5.8	23.5	27.5	9.0	9.9	4.6	8.5	5.8	5.4	-
26	Pulp, paper, and allied products.....	180	100.0	16.7	18.6	19.4	7.4	8.0	2.0	5.9	.3	21.7	-
28	Chemicals and allied products.....	1,645	100.0	4.4	4.9	8.0	.7	67.6	7.9	2.3	.1	4.1	-
30	Rubber and miscellaneous plastics products.....	153	100.0	3.0	12.2	30.4	8.5	9.1	3.0	5.7	1.6	26.5	-
31	Leather and leather products.....	65	100.0	3.6	12.4	11.2	17.3	4.6	4.7	5.6	2.6	38.0	-
32	Stone, clay, and glass products.....	141	100.0	19.6	21.3	30.4	2.6	2.6	3.5	14.5	.2	5.3	-
33	Primary metal products.....	344	100.0	2.8	12.3	21.8	5.1	12.7	2.2	6.4	6.1	30.6	-
34	Fabricated metal products.....	245	100.0	2.3	5.5	14.9	3.6	10.2	5.3	24.4	4.9	28.9	-
35	Machinery, except electrical.....	174	100.0	2.0	11.1	15.2	9.5	18.3	7.7	12.3	3.8	20.1	-
36	Electrical machinery and equipment.....	404	100.0	.5	2.5	27.2	4.3	4.4	1.4	2.4	2.9	54.4	-
38	Instruments, photographic goods, optical goods, watches, and clocks.....	27	100.0	.8	8.9	10.6	3.8	15.6	.9	6.5	2.1	50.8	-
39	Miscellaneous products of manufacturing.	146	100.0	.5	6.6	11.3	5.9	7.9	8.0	12.4	2.2	45.2	-

¹States included in the geographic divisions are as follows: NEW ENGLAND--Maine, New Hampshire, Vermont, Massachusetts, Rhode Island, and Connecticut; MIDDLE ATLANTIC--New York, New Jersey, and Pennsylvania; EAST NORTH CENTRAL--Ohio, Indiana, Illinois, Michigan, and Wisconsin; WEST NORTH CENTRAL--Minnesota, Iowa, Missouri, North Dakota, South Dakota, Nebraska, and Kansas; SOUTH ATLANTIC--Delaware, Maryland, District of Columbia, Virginia, West Virginia, North Carolina, South Carolina, Georgia, and Florida; EAST SOUTH CENTRAL--Kentucky, Tennessee, Alabama, and Mississippi; WEST SOUTH CENTRAL--Arkansas, Louisiana, Oklahoma, and Texas; MOUNTAIN--Montana, Idaho, Wyoming, Colorado, New Mexico, Arizona, Utah, and Nevada; PACIFIC--Washington, Oregon, California, Alaska, and Hawaii.

²Shipments to Alaska and Hawaii from the 48 conterminous States and the District of Columbia are included; no data were obtained for shipments originating in Alaska and Hawaii.

³Code letter indicates a sampling variability range as follows: a, 0-9 percent; b, 10-19 percent; c, 20-29 percent; and d, 30-50 percent. The variability for ton-miles has not been estimated.

TABLE 4. Percent Distribution of Commodities, by Production Area of Destination: 1967

TCC code	Commodity	Number	Percent distribution by production area ¹ of destination							
			Total	1 ² (BOST)	2 (HART)	3 (NYNY)	4 (N. NJ)	5 (PHIL)	6 (BALT)	7 (ALLN)
	TONS OF SHIPMENTS	(thousands of tons)								
	Production Area 01, total.....	11,561	100.0	21.7	6.5	5.0	2.5	2.6	1.0	0.1
20	Food and kindred products.....	1,709	100.0	28.9	6.6	3.0	2.3	2.4	2.9	-
201	Meat, poultry, and small game; fresh, chilled or frozen.....	270	100.0	37.2	11.9	2.3	4.0	2.6	.7	-
2013	Meat products.....	101	100.0	28.9	19.6	1.8	4.3	-	.5	-
203	Canned and preserved fruits, vegetables, and seafoods.....	285	100.0	24.1	7.8	3.2	3.0	1.3	11.4	-
207	Confectionery and related products.....	132	100.0	9.1	3.9	6.8	1.2	5.2	1.5	.2
2071	Confectionery and related products.....	132	100.0	9.1	3.9	6.8	1.2	5.2	1.5	.2
20711	Candy (bars, bulk, packaged).....	122	100.0	9.7	4.1	3.7	1.1	5.5	1.5	.2
208	Beverages and flavoring extracts.....	388	100.0	28.3	9.2	3.7	3.6	.1	.2	-
2086	Bottled and canned soft drinks and carbonated, mineral, and plain waters.....	71	100.0	39.4	20.6	.1	3.3	.3	.1	-
20861	Bottled and canned soft drinks and carbonated, mineral, and plain waters.....	71	100.0	39.4	20.6	.1	3.3	.3	.1	-
22	Basic textiles.....	499	100.0	17.5	2.9	25.4	4.4	3.1	1.5	.1
228	Thread and yarn (cotton, wool, silk, and man-made fiber).....	51	100.0	16.1	1.4	33.7	3.1	9.9	.1	.5
2281	Yarn.....	51	100.0	16.1	1.4	33.7	3.1	9.9	.1	.5
22819	Yarn, n.e.c.....	17	100.0	13.8	.9	20.6	4.7	5.2	.2	.4
229	Miscellaneous basic textiles.....	233	100.0	21.1	4.7	9.7	2.6	4.0	3.0	-
23	Apparel, including knit apparel, and other finished textile products.....	48	100.0	20.4	6.2	24.4	1.8	3.7	1.6	.3
26	Pulp, paper, and allied products.....	842	100.0	34.4	10.3	6.2	3.0	2.5	.2	.5
264	Converted paper and paperboard products (except containers and boxes).....	97	100.0	14.9	5.3	9.4	3.5	3.3	.7	.3
265	Containers, boxes and related products, paperboard, fiberboard, and pulpboard.....	510	100.0	46.2	10.9	1.9	1.3	1.8	-	-
28	Chemicals and allied products.....	3,433	100.0	8.6	5.1	2.7	1.3	2.0	.4	-
282	Plastic materials and plasticizers, synthetic resins, rubbers, and fibers.....	190	100.0	13.0	7.1	15.2	3.0	2.9	5.6	-
2821	Plastic materials and plasticizers, synthetic resins, rubbers, and fibers.....	190	100.0	13.0	7.1	15.2	3.0	2.9	5.6	-
28211	Plastic materials and plasticizers, synthetic resins, and nonvulcanizable elastomers.....	187	100.0	12.9	7.2	15.4	2.9	2.9	5.7	-
284	Soap and detergents, cleaning preparations, perfumes, cosmetics, and other toilet preparations.....	378	100.0	9.2	4.4	13.6	4.5	1.8	.3	-
285	Paints, varnishes, lacquers, enamels, and allied products.....	120	100.0	26.7	15.8	.5	7.9	1.4	-	.1
2851	Paints, varnishes, lacquers, enamels, and allied products.....	120	100.0	26.7	15.8	.5	7.9	1.4	-	.1
289	Miscellaneous chemical products.....	114	100.0	6.6	14.2	3.2	4.2	4.4	1.6	-
2891	Glue and gelatin.....	74	100.0	5.9	9.9	4.9	4.0	3.4	2.4	-
2899	Chemical products, n.e.c.....	35	100.0	9.0	25.8	-	5.2	7.3	.1	.1
28999	Chemical products, n.e.c.....	16	100.0	12.9	2.7	.1	1.9	2.8	.3	.1
30	Rubber and miscellaneous plastics products.....	278	100.0	13.8	6.7	6.1	6.4	4.3	2.3	.1
302	Rubber footwear (including rubber and plastic combined).....	59	100.0	16.5	7.4	3.9	1.9	1.6	1.2	.3
3021	Rubber footwear (including rubber and plastic combined).....	59	100.0	16.5	7.4	3.9	1.9	1.6	1.2	.3
30211	Rubber footwear (including rubber and plastic combined).....	59	100.0	16.5	7.4	3.9	1.9	1.6	1.2	.3

See footnotes at end of table.

TABLE 4. Percent Distribution of Commodities, by Production Area of Destination: 1967 --Continued

TCC code	Commodity	Percent distribution by production area ¹ of destination--Continued									
		8 (HARR)	9 (SYRA)	10 (BUFF)	11 (CLEV)	12 (PITT)	13 (DETR)	14 (CINC)	15 (CHIC)	16 (MILW)	17 (M-SP)
	TONS OF SHIPMENTS										
	Production Area 01, total.....	0.3	2.4	1.5	1.2	0.4	1.1	0.3	3.2	0.2	0.3
20	Food and kindred products.....	.1	7.6	4.7	2.8	.5	1.0	.4	.9	.1	.2
201	Meat, poultry, and small game; fresh, chilled or frozen.....	-	.7	8.4	.1	-	.2	1.1	.1	-	-
2013	Meat products.....	-	1.4	2.2	.3	.1	.4	-	.2	-	-
203	Canned and preserved fruits, vegetables, and seafoods.....	.1	5.3	3.6	3.0	.5	3.1	.7	2.0	.2	.2
207	Confectionery and related products.....	.9	1.5	2.1	6.3	3.8	6.3	.4	.9	.2	.2
2071	Confectionery and related products.....	.9	1.5	2.1	6.3	3.8	6.3	.4	.9	.2	.2
20711	Candy (bars, bulk, packaged).....	1.0	1.4	2.1	6.7	4.1	6.3	.3	.9	.2	.2
208	Beverages and flavoring extracts.....	-	3.8	.3	.1	.3	-	.2	.3	.2	.8
2086	Bottled and canned soft drinks and carbonated, mineral, and plain waters....	-	4.9	-	.1	-	-	-	-	-	-
20861	Bottled and canned soft drinks and carbonated, mineral, and plain waters....	-	4.9	-	.1	-	-	-	-	-	-
22	Basic textiles.....	.1	.6	.4	1.6	.1	8.3	1.0	.7	.5	.1
228	Thread and yarn (cotton, wool, silk, and man-made fiber).....	.1	.4	.3	1.9	-	.2	-	3.1	.1	-
2281	Yarn.....	.1	.4	.3	1.9	-	.2	-	3.1	.1	-
22819	Yarn, n.e.c.....	.2	1.2	.9	4.3	.1	.6	-	9.2	.2	-
229	Miscellaneous basic textiles.....	-	.2	.1	2.6	-	15.9	.3	.4	.3	-
23	Apparel, including knit apparel, and other finished textile products.....	.8	1.3	.7	3.2	.2	1.2	1.6	3.3	-	.5
26	Pulp, paper, and allied products.....	.4	.9	.9	1.5	.1	.4	.1	1.9	.2	.4
264	Converted paper and paperboard products (except containers and boxes).....	2.0	1.7	.3	4.3	.5	.4	.3	4.1	1.8	3.0
265	Containers, boxes and related products, paperboard, fiberboard, and pulpboard.	-	.4	.3	.1	-	-	-	.1	-	-
28	Chemicals and allied products.....	.2	1.2	.9	.6	.1	.1	.2	3.1	.3	-
282	Plastic materials and plasticizers, synthetic resins, rubbers, and fibers.	3.2	.2	4.4	.9	-	-	.1	5.4	-	-
2821	Plastic materials and plasticizers, synthetic resins, rubbers, and fibers.	3.2	.2	4.4	.9	-	-	.1	5.4	-	-
28211	Plastic materials and plasticizers, synthetic resins, and nonvulcanizable elastomers.....	3.3	.2	4.5	.9	-	-	.1	5.5	-	-
284	Soap and detergents, cleaning preparations, perfumes, cosmetics, and other toilet preparations.....	.3	6.0	.2	.2	.1	.2	.2	1.9	3.0	-
285	Paints, varnishes, lacquers, enamels, and allied products.....	.2	.6	8.0	1.1	.3	-	.1	.2	.1	-
2851	Paints, varnishes, lacquers, enamels, and allied products.....	.2	.6	8.0	1.1	.3	-	.1	.2	.1	-
289	Miscellaneous chemical products.....	.3	4.2	3.9	1.8	1.2	.4	-	7.1	-	1.3
2891	Glue and gelatin.....	.5	.5	6.0	2.3	1.9	.1	-	10.8	-	-
2899	Chemical products, n.e.c.....	.1	3.5	.1	1.1	-	1.2	-	.4	-	4.3
28999	Chemical products, n.e.c.....	.2	6.2	.1	2.5	-	2.6	-	.9	-	9.5
30	Rubber and miscellaneous plastics products.....	1.9	1.5	1.1	.7	.9	1.5	.2	14.3	.1	1.1
302	Rubber footwear (including rubber and plastic combined).....	.4	.1	.4	.9	.2	.8	-	26.5	-	.6
3021	Rubber footwear (including rubber and plastic combined).....	.4	.1	.4	.9	.2	.8	-	26.5	-	.6
30211	Rubber footwear (including rubber and plastic combined).....	.4	.1	.4	.9	.2	.8	-	26.5	-	.6

See footnotes at end of table.

TABLE 4. Percent Distribution of Commodities, by Production Area of Destination: 1967 --Continued

TCC code	Commodity	Percent distribution by production area ¹ of destination--Continued									Sampling variability code ³
		18 (STLO)	19 (ATLA)	20 (DALL)	21 (HOUS)	22 (DENV)	23 (SETL)	24 (SANF)	25 (LOSA)	All other	
	TONS OF SHIPMENTS										
	Production Area 01, total.....	0.3	0.7	0.2	0.5	0.2	0.2	0.4	1.6	45.6	-
20	Food and kindred products.....	.1	.8	.2	-	-	.1	.1	.9	33.4	b
201	Meat, poultry, and small game; fresh, chilled or frozen.....	.1	.1	-	.1	-	-	.1	.2	30.1	c
2013	Meat products.....	.2	.2	.1	.2	-	-	.3	.4	38.9	d
203	Canned and preserved fruits, vegetables, and seafoods.....	.3	.3	.3	-	-	-	.2	.2	29.2	d
207	Confectionery and related products.....	.4	6.4	.1	.1	-	-	.6	10.5	31.4	d
2071	Confectionery and related products.....	.4	6.4	.1	.1	-	-	.6	10.5	31.4	d
20711	Candy (bars, bulk, packaged).....	.3	6.8	.1	-	-	-	.7	11.3	31.8	d
208	Beverages and flavoring extracts.....	-	-	.1	-	.1	.3	.2	.1	48.1	c
2086	Bottled and canned soft drinks and carbonated, mineral, and plain waters....	-	-	-	-	-	-	-	-	31.2	c
20861	Bottled and canned soft drinks and carbonated, mineral, and plain waters....	-	-	-	-	-	-	-	-	31.2	c
22	Basic textiles.....	.2	-	.3	.3	.1	.1	.3	1.0	29.4	c
228	Thread and yarn (cotton, wool, silk, and man-made fiber).....	-	-	.3	1.6	-	.1	.1	.1	26.9	d
2281	Yarn.....	-	-	.3	1.6	-	.1	.1	.1	26.9	d
22819	Yarn, n.e.c.....	-	-	1.0	4.6	-	.3	.4	.1	31.1	d
229	Miscellaneous basic textiles.....	-	-	.4	-	-	-	.1	.3	34.3	c
23	Apparel, including knit apparel, and other finished textile products.....	.1	.1	.9	.2	-	.1	.2	.3	26.9	d
26	Pulp, paper, and allied products.....	.3	.1	.1	-	-	-	-	1.4	34.2	d
264	Converted paper and paperboard products (except containers and boxes).....	.6	.4	.6	.2	-	-	.1	.7	41.6	d
265	Containers, boxes and related products, paperboard, fiberboard, and pulpboard.	.1	-	-	-	-	-	-	1.5	35.4	d
28	Chemicals and allied products.....	.1	.7	.1	.5	-	-	.5	.2	71.1	b
282	Plastic materials and plasticizers, synthetic resins, rubbers, and fibers.	.2	.4	.1	2.9	.3	-	.4	-	34.7	d
2821	Plastic materials and plasticizers, synthetic resins, rubbers, and fibers.	.2	.4	.1	2.9	.3	-	.4	-	34.7	d
28211	Plastic materials and plasticizers, synthetic resins, and nonvulcanizable elastomers.....	.2	.3	.1	2.9	.3	-	.5	-	34.2	d
284	Soap and detergents, cleaning preparations, perfumes, cosmetics, and other toilet preparations.....	.1	-	-	-	-	-	2.9	.1	51.0	d
285	Paints, varnishes, lacquers, enamels, and allied products.....	-	.7	-	.1	-	-	.2	-	36.0	d
2851	Paints, varnishes, lacquers, enamels, and allied products.....	-	.7	-	.1	-	-	.2	-	36.0	d
289	Miscellaneous chemical products.....	.1	-	.1	-	-	-	1.3	3.1	41.0	d
2891	Glue and gelatin.....	.1	-	-	-	-	-	1.5	2.6	43.2	d
2899	Chemical products, n.e.c.....	.1	-	.2	-	-	-	1.0	4.6	35.9	d
28999	Chemical products, n.e.c.....	.3	-	.5	-	-	-	2.1	10.1	44.2	d
30	Rubber and miscellaneous plastics products.....	2.0	.2	.6	.3	.2	.1	.2	2.1	31.3	b
302	Rubber footwear (including rubber and plastic combined).....	3.7	.5	.4	-	.1	-	.3	.6	31.7	c
3021	Rubber footwear (including rubber and plastic combined).....	3.7	.5	.4	-	.1	-	.3	.6	31.7	c
30211	Rubber footwear (including rubber and plastic combined).....	3.7	.5	.4	-	.1	-	.3	.6	31.7	c

See footnotes at end of table.

TABLE 4. Percent Distribution of Commodities, by Production Area of Destination: 1967 --Continued

TCC code	Commodity	Number	Percent distribution by production area ¹ of destination							
			Total	1 ² (BOST)	2 (HART)	3 (NYNY)	4 (N. NJ)	5 (PHIL)	6 (BALT)	7 (ALLN)
	TONS OF SHIPMENTS--Continued	(thousands of tons)								
306	Miscellaneous fabricated rubber products.....	53	100.0	7.0	1.2	9.0	12.8	2.4	0.2	0.1
3061	Miscellaneous fabricated rubber products.....	53	100.0	7.0	1.2	9.0	12.8	2.4	.2	.1
307	Miscellaneous plastic products.....	159	100.0	15.2	8.4	6.1	5.2	6.2	3.4	.1
3071	Miscellaneous plastic products.....	159	100.0	15.2	8.4	6.1	5.2	6.2	3.4	.1
30714	Unsupported vinyl and polyethylene film and sheeting.....	36	100.0	14.1	27.1	13.2	12.5	5.6	-	.3
30719	Fabricated plastics products, n.e.c. (including footwear made wholly of plastic).....	48	100.0	4.0	4.9	1.8	4.2	5.6	-	-
31	Leather and leather products.....	112	100.0	16.7	1.6	10.6	2.4	2.1	2.0	.3
311	Leather, tanned and finished.....	26	100.0	12.9	.2	23.3	1.8	-	.2	.9
3111	Leather, tanned and finished.....	26	100.0	12.9	.2	23.3	1.8	-	.2	.9
31111	Leather, tanned and finished.....	26	100.0	12.9	.2	23.3	1.8	-	.2	.9
314	Footwear (except rubber).....	50	100.0	20.1	2.3	5.7	.9	4.1	1.4	.1
3141	Footwear (except house shippers and rubber footwear).....	32	100.0	17.4	1.2	7.5	1.1	6.3	1.9	.2
31411	Footwear (except house slippers and rubber footwear).....	32	100.0	17.4	1.2	7.5	1.1	6.3	1.9	.2
32	Stone, clay, and glass products.....	779	100.0	36.3	5.0	5.2	.9	1.8	.5	.2
329	Abrasives, asbestos, and miscellaneous nonmetallic mineral products.....	96	100.0	1.3	2.7	1.8	1.4	5.3	1.8	.9
3291	Abrasive products.....	83	100.0	1.4	3.1	2.1	1.5	6.2	2.1	1.0
33	Primary metal products.....	605	100.0	10.6	9.1	6.5	10.6	9.4	1.2	.1
331	Steel works and rolling mill products..	263	100.0	13.5	15.2	6.8	10.1	16.1	1.0	.1
3315	Steel wire, nails, and spikes.....	223	100.0	7.3	17.3	7.5	10.9	19.0	1.2	.1
335	Nonferrous metal basic shapes.....	282	100.0	5.7	2.2	7.0	12.2	3.3	1.7	.1
3357	Nonferrous wire (including insulated wire).....	235	100.0	6.2	1.3	8.1	8.7	2.9	1.9	-
33574	Wire and cable, insulated, enameled or covered.....	220	100.0	6.3	1.2	8.6	5.4	3.1	2.0	-
339	Miscellaneous primary metal products...	32	100.0	3.2	11.9	4.7	1.1	14.9	.4	-
34	Fabricated metal products.....	375	100.0	15.4	2.1	3.8	2.7	3.0	.4	.1
342	Cutlery, hand tools, and general hardware.....	72	100.0	.6	1.6	4.7	2.6	.2	.2	-
344	Structural and miscellaneous metal products.....	161	100.0	15.1	.5	2.1	1.4	2.1	.1	-
345	Bolts, nuts, screws, rivets, washers, and other industrial fasteners.....	4	100.0	7.6	.8	3.3	9.3	.2	7.1	.7
3452	Bolts, nuts, screws, rivets, washers, and other industrial fasteners.....	4	100.0	7.6	.8	3.3	9.3	.2	7.1	.7
34521	Bolts, nuts, screws, rivets, and washers.....	2	100.0	12.3	1.4	3.0	15.5	.3	-	1.2
349	Miscellaneous fabricated metal products	38	100.0	10.3	3.2	15.4	4.5	19.2	.1	-
35	Machinery, except electrical.....	296	100.0	11.1	4.9	6.3	3.5	4.4	2.2	1.5
354	Metalworking machinery and equipment...	29	100.0	3.2	5.6	5.7	6.7	8.4	8.9	-
3541	Machine tools, metal cutting types.....	19	100.0	4.6	6.4	8.0	9.1	4.8	.1	-
35412	Machine tools, metal cutting types.....	19	100.0	4.6	6.4	8.0	9.1	4.8	.1	-
355	Special industry machinery (except metalworking machinery).....	79	100.0	13.8	3.2	8.3	3.2	2.9	.2	1.9
3559	Miscellaneous special industry machinery.....	18	100.0	31.5	3.5	5.8	1.2	2.6	.2	.3
35599	Special industry machinery, n.e.c.....	17	100.0	34.3	3.8	5.8	1.3	1.0	.3	.3
357	Office, computing, and accounting machines.....	20	100.0	33.3	3.4	6.7	2.6	2.2	1.0	.3

See footnotes at end of table.

TABLE 4. Percent Distribution of Commodities, by Production Area of Destination: 1967--Continued

TCC code	Commodity	Percent distribution by production area ¹ of destination--Continued									
		8 (HARR)	9 (SYRA)	10 (BUFF)	11 (CLEV)	12 (PITT)	13 (DETR)	14 (CINC)	15 (CHIC)	16 (MILW)	17 (M-SP)
	TONS OF SHIPMENTS--Continued										
306	Miscellaneous fabricated rubber prod- ucts.....	0.4	1.6	1.1	0.4	0.6	0.9	0.2	0.8	-	-
3061	Miscellaneous fabricated rubber prod- ucts.....	.4	1.6	1.1	.4	.6	.9	.2	.8	-	-
307	Miscellaneous plastic products.....	3.1	2.0	1.1	.7	1.3	2.0	.2	14.9	0.1	1.8
3071	Miscellaneous plastic products.....	3.1	2.0	1.1	.7	1.3	2.0	.2	14.9	.1	1.8
30714	Unsupported vinyl and polyethylene film and sheeting.....	-	7.8	1.1	.5	4.1	3.0	-	1.4	-	2.4
30719	Fabricated plastics products, n.e.c. (including footwear made wholly of plastic).....	5.5	.4	1.2	.5	.4	1.1	.8	34.5	.3	-
31	Leather and leather products.....	2.8	.6	.6	.8	1.1	.7	.6	2.2	1.2	.4
311	Leather, tanned and finished.....	3.5	1.5	.3	-	-	-	1.6	.4	3.5	.1
3111	Leather, tanned and finished.....	3.5	1.5	.3	-	-	-	1.6	.4	3.5	.1
31111	Leather, tanned and finished.....	3.5	1.5	.3	-	-	-	1.6	.4	3.5	.1
314	Footwear (except rubber).....	3.1	.4	1.1	1.5	2.5	1.5	.5	3.4	.1	.2
3141	Footwear (except house slippers and rubber footwear).....	4.7	.6	.8	1.3	3.5	1.9	.6	3.2	.1	.3
31411	Footwear (except house slippers and rubber footwear).....	4.7	.6	.8	1.3	3.5	1.9	.6	3.2	.1	.3
32	Stone, clay, and glass products.....	.1	4.4	2.2	1.8	1.0	2.3	.2	1.9	.1	-
329	Abrasives, asbestos, and miscellaneous nonmetallic mineral products.....	.5	19.9	1.4	5.1	8.2	2.1	1.3	15.8	.1	.1
3291	Abrasive products.....	.6	22.8	1.1	5.8	9.5	2.1	1.4	18.2	-	.1
33	Primary metal products.....	.1	.6	.6	1.6	2.5	1.7	.1	6.6	.3	.9
331	Steel works and rolling mill products..	-	.3	.4	1.5	.8	1.0	-	1.6	.1	1.7
3315	Steel wire, nails, and spikes.....	-	-	.4	1.8	1.0	1.2	-	1.4	.1	2.0
335	Nonferrous metal basic shapes.....	.2	.7	.9	1.9	3.1	2.2	.2	12.5	.4	.4
3357	Nonferrous wire (including insulated wire).....	.3	.9	.8	2.0	3.6	2.5	.1	13.3	.4	.3
33574	Wire and cable, insulated, enameled or covered.....	.3	.9	.9	2.0	2.4	2.6	.1	14.0	.4	.3
339	Miscellaneous primary metal products...	-	2.2	.1	2.2	13.2	4.5	.1	1.0	-	-
34	Fabricated metal products.....	.2	1.5	.8	.5	.3	2.8	.5	4.7	.1	.3
342	Cutlery, hand tools, and general hardware.....	.6	3.1	.3	.5	.6	.4	.1	13.5	.2	.3
344	Structural and miscellaneous metal products.....	-	1.3	.1	-	-	2.4	.4	3.3	-	.5
345	Bolts, nuts, screws, rivets, wasthers, and other industrial fasteners.....	-	.3	2.6	1.1	-	1.7	3.9	3.8	1.0	.1
3452	Bolts, nuts, screws, rivets, washers, and other industrial fasteners.....	-	.3	2.6	1.1	-	1.7	3.9	3.8	1.0	.1
34521	Bolts, nuts, screws, rivets, and wash- ers.....	-	.4	1.6	1.4	-	1.6	.1	.7	1.2	-
349	Miscellaneous fabricated metal products	1.0	2.5	4.5	-	-	1.9	.1	1.7	-	-
35	Machinery, except electrical.....	2.2	3.3	2.1	1.4	.6	1.9	.6	3.3	.6	.7
354	Metalworking machinery and equipment...	.3	.3	.5	4.1	1.2	3.0	.7	6.2	2.4	1.1
3541	Machine tools, metal cutting types....	.4	.3	.3	5.5	.8	4.2	.9	2.0	3.0	1.7
35412	Machine tools, metal cutting types....	.4	.3	.3	5.5	.8	4.2	.9	2.0	3.0	1.7
355	Special industry machinery (except metalworking machinery).....	1.2	.6	1.9	.2	.1	.5	1.4	.6	.8	.1
3559	Miscellaneous special industry machin- ery.....	5.2	1.9	5.9	.2	.1	1.9	-	.9	.7	-
35599	Special industry machinery, n.e.c.....	-	2.1	6.5	.2	.1	1.1	-	1.0	.7	-
357	Office, computing, and accounting machines.....	-	.1	.6	.6	2.1	4.4	-	2.0	.2	1.0

See footnotes at end of table.

TABLE 4. Percent Distribution of Commodities, by Production Area of Destination: 1967--Continued

TCC code	Commodity	Percent distribution by production area ¹ of destination--Continued									Sampling variability code ³
		18 (STLO)	19 (ATLA)	20 (DALL)	21 (HOUS)	22 (DENV)	23 (SETL)	24 (SANF)	25 (LOSA)	All other	
	TONS OF SHIPMENTS--Continued										
306	Miscellaneous fabricated rubber products.....	5.5	-	0.4	1.1	0.4	0.2	0.2	0.8	52.7	d
3061	Miscellaneous fabricated rubber products.....	5.5	-	.4	1.1	.4	.2	.2	.8	52.7	d
307	Miscellaneous plastic products.....	.3	0.2	.8	.2	.1	.1	.2	3.1	23.2	c
3071	Miscellaneous plastic products.....	.3	.2	.8	.2	.1	.1	.2	3.1	23.2	c
30714	Unsupported vinyl and polyethylene film and sheeting.....	1.5	-	.3	.6	-	-	.7	.4	3.4	c
30719	Fabricated plastics products, n.e.c. (including footwear made wholly of plastic).....	-	-	.7	.1	-	.3	.1	3.2	30.4	d
31	Leather and leather products.....	7.8	.3	.7	.2	.1	1.9	.9	5.4	36.0	c
311	Leather, tanned and finished.....	24.8	-	.3	-	-	-	-	.3	24.4	d
3111	Leather, tanned and finished.....	24.8	-	.3	-	-	-	-	.3	24.4	d
31111	Leather, tanned and finished.....	24.8	-	.3	-	-	-	-	.3	24.4	d
314	Footwear (except rubber).....	3.7	.7	.8	.5	.1	4.1	1.8	11.4	28.0	d
3141	Footwear (except house slippers and rubber footwear).....	3.9	.7	1.2	.6	.2	.5	2.7	5.1	32.5	d
31411	Footwear (except house slippers and rubber footwear).....	3.9	.7	1.2	.6	.2	.5	2.7	5.1	32.5	d
32	Stone, clay, and glass products.....	-	-	-	.5	-	-	-	.3	35.3	d
329	Abrasives, asbestos, and miscellaneous nonmetallic mineral products.....	.1	-	-	3.7	-	-	.3	1.2	25.0	c
3291	Abrasive products.....	.1	-	-	4.3	.1	-	.3	1.4	14.8	c
33	Primary metal products.....	.5	4.4	.4	.3	1.2	.7	.7	3.1	26.2	b
331	Steel works and rolling mill products..	-	8.3	-	-	.4	-	-	-	21.1	d
3315	Steel wire, nails, and spikes.....	-	9.8	-	-	.5	-	-	-	18.5	d
335	Nonferrous metal basic shapes.....	1.1	1.8	.6	.6	2.3	1.4	1.4	5.8	30.3	b
3357	Nonferrous wire (including insulated wire).....	1.1	2.1	.8	.7	.6	1.7	1.7	6.7	31.3	b
33574	Wire and cable, insulated, enameled or covered.....	1.2	2.2	.8	.7	.6	1.8	1.8	7.1	33.3	a
339	Miscellaneous primary metal products...	.5	.6	2.8	-	-	.2	.1	7.7	28.6	c
34	Fabricated metal products.....	.5	.3	.6	7.5	1.6	.1	1.0	5.7	43.5	c
342	Cutlery, hand tools, and general hardware.....	.1	-	1.6	28.9	.3	.2	4.7	23.7	11.0	b
344	Structural and miscellaneous metal products.....	.6	.7	.4	3.6	-	-	-	1.9	63.5	d
345	Bolts, nuts, screws, rivets, washers, and other industrial fasteners.....	-	.4	1.0	-	-	-	.1	9.0	46.0	d
3452	Bolts, nuts, screws, rivets, washers, and other industrial fasteners.....	-	.4	1.0	-	-	-	.1	9.0	46.0	d
34521	Bolts, nuts, screws, rivets, and washers.....	-	.6	.3	-	-	-	.1	4.4	53.9	d
349	Miscellaneous fabricated metal products	1.8	-	.1	2.8	15.1	-	.4	.3	15.1	d
35	Machinery, except electrical.....	.3	.9	.3	1.5	.4	.5	1.1	2.2	42.2	d
354	Metalworking machinery and equipment...	1.3	-	.8	.9	.3	.3	1.2	2.5	34.4	d
3541	Machine tools, metal cutting types....	2.0	-	1.2	-	.4	.4	1.8	3.9	38.2	c
35412	Machine tools, metal cutting types....	2.0	-	1.2	-	.4	.4	1.8	3.9	38.2	c
355	Special industry machinery (except metalworking machinery).....	.1	-	-	.1	-	-	.2	1.5	57.2	d
3559	Miscellaneous special industry machinery.....	.5	.1	-	.3	-	-	-	.1	37.1	d
35599	Special industry machinery, n.e.c.....	.5	.1	-	.4	-	-	-	.2	40.3	d
357	Office, computing, and accounting machines.....	.1	2.8	.8	.4	1.7	.3	2.5	3.7	27.2	d

See footnotes at end of table.

TABLE 4. Percent Distribution of Commodities, by Production Area of Destination: 1967 --Continued

TCC code	Commodity	Number	Percent distribution by production area ¹ of destination							
			Total	1 ² (BOST)	2 (HART)	3 (NYNY)	4 (N. NJ)	5 (PHIL)	6 (BALT)	7 (ALLN)
	TONS OF SHIPMENTS--Continued	(thousands of tons)								
359	Miscellaneous machinery and parts (except electrical).....	15	100.0	5.2	0.1	2.6	1.7	1.8	0.7	-
3599	Miscellaneous machinery and parts (except electrical).....	15	100.0	5.2	.1	2.6	1.7	1.8	.7	-
35999	Machinery and parts, n.e.c. (except electrical).....	15	100.0	5.1	.1	2.6	1.7	1.8	.7	-
36	Electrical machinery and equipment.....	351	100.0	3.3	2.7	5.2	1.5	1.9	.6	0.2
362	Electrical industrial apparatus.....	11	100.0	2.8	6.9	7.6	1.8	.3	-	.1
36433	Switches (except knife, time, solenoid, and automotive).....	9	100.0	4.4	22.4	37.1	.7	.6	4.4	-
36439	Current carrying wiring devices, n.e.c.	12	100.0	7.9	3.7	4.2	2.8	1.4	.1	-
365	Radio and television receiving sets (except communication types), phonographs, and phonograph records.....	15	100.0	1.7	1.9	21.9	8.8	2.7	.1	.3
3651	Radio and television receiving sets (except communication types), and phonographs.....	15	100.0	1.7	1.9	21.9	8.8	2.7	.1	.3
36511	Household and automotive radios, radio-phonograph combinations, phonographs..	15	100.0	1.6	1.9	22.0	8.9	2.4	.1	.3
367	Electronic components or accessories...	4	100.0	6.4	1.3	7.9	.8	2.0	1.4	-
3674	Solid state semiconductor devices.....	1	100.0	2.6	1.0	12.9	2.2	2.1	.9	-
36741	Solid state semiconductor devices.....	1	100.0	2.6	1.0	12.9	2.2	2.1	.9	-
3679	Miscellaneous electronic components and accessories.....	2	100.0	10.4	2.0	8.0	.7	1.8	.9	-
36791	Miscellaneous electronic components and accessories.....	2	100.0	10.4	2.0	8.0	.7	1.8	.9	-
3714	Motor vehicle parts and accessories....	15	100.0	4.9	8.8	.8	8.0	1.8	.6	.1
38	Instruments, photographic goods, optical goods, watches, and clocks....	32	100.0	3.5	5.7	7.6	10.9	1.1	.5	.9
386	Photographic equipment and supplies....	3	100.0	5.4	45.4	2.7	3.1	.2	.1	.2
3861	Photographic equipment and supplies....	3	100.0	5.4	45.4	2.7	3.1	.2	.1	.2
39	Miscellaneous products of manufacturing	161	100.0	8.3	.8	16.5	4.4	1.7	.2	-
3999	Manufactured products, n.e.c.....	11	100.0	2.4	.6	.4	24.4	.7	-	-
	TON-MILES OF SHIPMENTS	(millions of ton-miles)								
	Production Area 01, total.....	4,357	100.0	1.5	1.6	2.2	1.2	1.7	.9	.1
20	Food and kindred products.....	405	100.0	3.6	2.5	2.2	1.8	2.8	4.4	-
201	Meat, poultry, and small game; fresh, chilled or frozen.....	37	100.0	7.8	9.1	3.0	5.7	5.3	1.9	-
2013	Meat products.....	15	100.0	5.5	14.4	2.2	5.5	-	1.1	-
203	Canned and preserved fruits, vegetables, and seafoods.....	86	100.0	2.1	2.3	1.9	1.9	1.2	13.5	-
207	Confectionery and related products.....	93	100.0	.5	.5	1.8	.3	2.0	.7	.1
2071	Confectionery and related products.....	93	100.0	.5	.5	1.8	.3	2.0	.7	.1
20711	Candy (bars, bulk, packaged).....	89	100.0	.5	.6	.9	.3	2.1	.7	.1
208	Beverages and flavoring extracts.....	76	100.0	4.5	3.6	3.0	3.4	.1	.4	-
2086	Bottled and canned soft drinks and carbonated, mineral, and plain waters....	5	100.0	17.8	23.5	.3	9.6	1.3	..	-
20861	Bottled and canned soft drinks and carbonated, mineral, and plain waters....	5	100.0	17.8	23.5	.3	9.6	1.3	..	-

See footnotes at end of table.

TABLE 4. Percent Distribution of Commodities, by Production Area of Destination: 1967--Continued

TCC code	Commodity	Percent distribution by production area ¹ of destination--Continued									
		8 (HARR)	9 (SYRA)	10 (BUFF)	11 (CLEV)	12 (PITT)	13 (DETR)	14 (CINC)	15 (CHIC)	16 (MILW)	17 (M-SP)
	TONS OF SHIPMENTS--Continued										
359	Miscellaneous machinery and parts (except electrical).....	0.8	5.3	1.0	14.8	0.2	1.0	0.2	6.3	0.1	0.1
3599	Miscellaneous machinery and parts (except electrical).....	.8	5.3	1.0	14.8	.2	1.0	.2	6.3	.1	.1
35999	Machinery and parts, n.e.c. (except electrical).....	.8	5.3	1.0	14.8	.2	1.0	.2	6.3	.1	.1
36	Electrical machinery and equipment.....	.1	.6	.9	1.7	.6	2.2	1.6	28.3	.3	1.5
362	Electrical industrial apparatus.....	-	.7	.9	.1	-	.3	2.4	.3	-	.4
36433	Switches (except knife, time, solenoid, and automotive).....	.2	-	.2	1.1	-	1.3	.1	5.3	1.3	.1
36439	Current carrying wiring devices, n.e.c.	1.4	2.0	2.5	1.9	.1	.2	.8	8.3	3.0	1.1
365	Radio and television receiving sets (except communication types), phono- graphs, and phonograph records.....	.1	1.1	1.6	2.8	.4	6.4	.2	2.0	.4	1.3
3651	Radio and television receiving sets (except communication types), and phonographs.....	.1	1.1	1.6	2.8	.4	6.5	.2	2.0	.4	1.3
36511	Household and automotive radios, radio- phonograph combinations, phonographs..	.1	1.2	1.6	2.8	.4	6.5	.2	2.0	.4	1.3
367	Electronic components or accessories...	.1	.5	2.6	.2	.7	1.0	7.1	2.8	1.1	2.3
3674	Solid state semiconductor devices.....	.1	.5	1.0	.5	.2	1.2	2.8	2.0	.1	13.1
36741	Solid state semiconductor devices.....	.1	.5	1.0	.5	.2	1.2	2.8	2.0	.1	13.1
3679	Miscellaneous electronic components and accessories.....	.2	.4	4.4	.2	1.3	.7	9.4	4.3	1.9	.7
36791	Miscellaneous electronic components and accessories.....	.2	.4	4.4	.2	1.3	.7	9.4	4.3	1.9	.7
3714	Motor vehicle parts and accessories....	-	-	8.0	4.3	-	3.7	-	1.5	-	4.1
38	Instruments, photographic goods, optical goods, watches, and clocks....	1.5	8.7	1.2	1.0	.5	1.1	1.2	4.4	.8	.3
386	photographic equipment and supplies....	.2	-	3.7	.1	.2	-	.1	3.1	1.4	-
3861	Photographic equipment and supplies....	.2	-	3.7	.1	.2	-	.1	3.1	1.4	-
39	Miscellaneous products of manufacturing	.2	.2	.8	1.9	2.1	1.9	.9	3.6	1.2	1.2
3999	Manufactured products, n.e.c.....	-	.3	-	.9	-	.4	-	1.1	.6	-
	TON-MILES OF SHIPMENTS										
	Production Area 01, total.....	.3	1.4	1.5	1.6	.5	1.8	.6	7.2	.5	.8
20	Food and kindred products.....	.1	7.8	7.2	5.8	.9	2.7	1.2	3.1	.3	1.1
201	Meat, poultry, and small game; fresh, chilled or frozen.....	.1	.9	22.3	.5	.1	.7	6.0	.4	-	-
2013	Meat products.....	-	1.6	5.8	1.2	.2	1.5	-	.9	-	-
203	Canned and preserved fruits, vegetables, and seafoods.....	.1	3.3	4.5	5.4	.8	6.4	1.8	5.6	.4	.8
207	Confectionery and related products.....	.4	.4	1.1	4.5	2.6	5.5	.4	1.1	.2	.3
2071	Confectionery and related products.....	.4	.4	1.1	4.5	2.6	5.5	.4	1.1	.2	.3
20711	Candy (bars, bulk, packaged).....	.5	.4	1.0	4.7	2.7	5.3	.3	1.1	.2	.3
208	Beverages and flavoring extracts.....	-	3.9	.5	.2	.8	-	.8	1.5	.9	4.5
2086	Bottled and canned soft drinks and car- bonated, mineral, and plain waters....	-	8.3	-	.5	.3	.1	-	-	-	-
20861	Bottled and canned soft drinks and car- bonated, mineral, and plain waters....	-	8.3	-	.5	.3	.1	-	-	-	-

See footnotes at end of table.

TABLE 4. Percent Distribution of Commodities, by Production Area of Destination: 1967--Continued

TCC code	Commodity	Percent distribution by production area ¹ of destination--Continued									Sampling variability code ³
		18 (STLO)	19 (ATLA)	20 (DALL)	21 (HOUS)	22 (DENV)	23 (SETL)	24 (SANF)	25 (LOSA)	All other	
	TONS OF SHIPMENTS--Continued										
359	Miscellaneous machinery and parts (except electrical).....	0.1	-	-	1.2	-	-	1.0	2.6	53.2	d
3599	Miscellaneous machinery and parts (except electrical).....	.1	-	-	1.2	-	-	1.0	2.6	53.2	d
35999	Machinery and parts, n.e.c. (except electrical).....	.1	-	-	1.2	-	-	1.0	2.6	53.3	d
36	Electrical machinery and equipment.....	1.2	1.7	0.2	1.0	1.3	2.2	2.2	18.6	18.4	d
362	Electrical industrial apparatus.....	.7	1.1	.2	-	-	-	.5	.5	72.4	d
36433	Switches (except knife, time, solenoid, and automotive).....	.7	-	-	.3	-	-	.1	.5	19.2	d
36439	Current carrying wiring devices, n.e.c.	1.4	.7	1.1	-	.1	5.5	1.0	6.5	42.3	d
365	Radio and television receiving sets (except communication types), phonographs, and phonograph records.....	.6	2.5	1.1	.8	1.5	.1	4.9	2.0	32.8	c
3651	Radio and television receiving sets (except communication types), and phonographs.....	.6	2.5	1.1	.8	1.5	.1	4.9	2.0	32.7	c
36511	Household and automotive radios, radio-phonograph combinations, phonographs..	.6	2.5	1.1	.8	1.5	.1	4.9	2.0	32.8	c
367	Electronic components or accessories...	.5	-	2.8	.1	-	.3	1.6	2.7	53.9	c
3674	Solid state semiconductor devices.....	-	-	14.4	.1	-	.5	1.8	8.0	32.0	c
36741	Solid state semiconductor devices.....	-	-	14.4	.1	-	.5	1.8	8.0	32.0	c
3679	Miscellaneous electronic components and accessories.....	.9	.1	.5	-	-	.3	1.5	1.7	47.7	d
36791	Miscellaneous electronic components and accessories.....	.9	.1	.5	-	-	.3	1.5	1.7	47.7	d
3714	Motor vehicle parts and accessories....	-	.6	2.0	-	-	-	4.0	1.5	45.3	d
38	Instruments, photographic goods, optical goods, watches, and clocks....	.2	5.4	2.0	.2	.4	.8	4.6	6.6	28.9	c
386	Photographic equipment and supplies....	-	-	3.0	-	-	.3	2.1	7.5	21.2	d
3861	Photographic equipment and supplies....	-	-	3.0	-	-	.3	2.1	7.5	21.2	d
39	Miscellaneous products of manufacturing	1.3	1.5	4.6	.3	.2	1.7	3.3	10.3	30.9	b
3999	Manufactured products, n.e.c.....	-	.7	43.4	.4	.4	-	.1	6.7	16.5	d
	TON-MILES OF SHIPMENTS										
	Production Area 01, total.....	.9	1.7	.9	2.2	.9	1.3	3.2	11.0	52.5	-
20	Food and kindred products.....	.4	3.0	1.5	.2	.3	.9	1.5	9.7	35.0	-
201	Meat, poultry, and small game; fresh, chilled or frozen.....	.6	.6	.4	1.1	-	-	2.0	3.2	28.3	-
2013	Meat products.....	1.5	1.5	1.0	2.6	-	-	4.7	7.7	41.1	-
203	Canned and preserved fruits, vegetables, and seafoods.....	1.0	1.0	1.4	.2	.3	.4	1.6	1.5	40.6	-
207	Confectionery and related products.....	.5	8.4	.3	.2	.1	-	2.4	38.4	27.3	-
2071	Confectionery and related products.....	.5	8.4	.3	.2	.1	-	2.4	38.4	27.3	-
20711	Candy (bars, bulk, packaged).....	.4	8.8	.2	.1	-	-	2.5	40.2	26.1	-
208	Beverages and flavoring extracts.....	.2	.1	.6	-	1.0	4.4	2.2	1.4	62.0	-
2086	Bottled and canned soft drinks and carbonated, mineral, and plain waters....	-	-	-	-	-	-	-	-	37.9	-
20861	Bottled and canned soft drinks and carbonated, mineral, and plain waters....	-	-	-	-	-	-	-	-	37.9	-

See footnotes at end of table.

TABLE 4. Percent Distribution of Commodities, by Production Area of Destination: 1967 --Continued

TCC code	Commodity	Number	Percent distribution by production area ¹ of destination							
			Total	1 ² (BOST)	2 (HART)	3 (NYNY)	4 (N. NJ)	5 (PHIL)	6 (BALT)	7 (ALLN)
	TON-MILES OF SHIPMENTS--Continued	(millions of ton-miles)								
22	Basic textiles.....	185	100.0	1.4	0.6	10.4	1.9	2.0	1.3	0.1
228	Thread and yarn (cotton, wool, silk, and man-made fiber).....	16	100.0	1.2	.4	16.9	1.6	7.5	.1	.3
2281	Yarn.....	16	100.0	1.2	.4	16.9	1.6	7.5	.1	.3
22819	Yarn, n.e.c.....	10	100.0	.7	.1	5.3	1.3	2.0	.1	.1
229	Miscellaneous basic textiles.....	89	100.0	1.7	.8	3.7	1.0	2.5	2.5	-
23	Apparel, including knit apparel, and other finished textile products.....	16	100.0	1.9	1.8	12.1	1.0	3.0	1.8	.3
26	Pulp, paper, and allied products.....	180	100.0	4.6	5.0	5.3	2.8	3.1	.3	.7
264	Converted paper and paperboard products (except containers and boxes).....	36	100.0	1.2	1.4	4.5	1.9	2.4	.6	.2
265	Containers, boxes and related products, paperboard, fiberboard, and pulpboard.	61	100.0	10.7	9.9	3.0	2.3	4.0	.1	-
28	Chemicals and allied products.....	1,645	100.0	.6	1.0	1.0	.5	1.0	.3	-
282	Plastic materials and plasticizers, synthetic resins, rubbers, and fibers.	78	100.0	1.0	1.2	6.5	1.4	1.7	4.9	-
2821	Plastic materials and plasticizers, synthetic resins, rubbers, and fibers.	78	100.0	1.0	1.2	6.5	1.4	1.7	4.9	-
28211	Plastic materials and plasticizers, synthetic resins, and nonvulcanizable elastomers.....	76	100.0	1.0	1.2	6.7	1.4	1.7	5.0	-
284	Soap and detergents, cleaning preparations, perfumes, cosmetics, and other toilet preparations.....	129	100.0	.8	1.0	7.7	2.6	1.2	.3	-
285	Paints, varnishes, lacquers, enamels, and allied products.....	25	100.0	4.1	7.2	.4	7.7	1.8	-	.1
2851	Paints, varnishes, lacquers, enamels, and allied products.....	25	100.0	4.1	7.2	.4	7.7	1.8	-	.1
289	Miscellaneous chemical products.....	55	100.0	.4	2.8	1.2	1.6	2.5	1.2	-
2891	Glue and gelatin.....	40	100.0	.3	2.3	1.7	1.4	1.7	1.6	-
2899	Chemical products, n.e.c.....	12	100.0	.9	5.1	-	2.7	5.6	.1	-
28999	Chemical products, n.e.c.....	10	100.0	.8	.6	-	.6	1.2	.1	.1
30	Rubber and miscellaneous plastics products.....	153	100.0	.6	1.0	1.7	2.2	1.8	1.3	.1
302	Rubber footwear (including rubber and plastic combined).....	31	100.0	1.0	1.0	1.3	.7	.8	.8	.2
3021	Rubber footwear (including rubber and plastic combined).....	31	100.0	1.0	1.0	1.3	.7	.8	.8	.2
30211	Rubber footwear (including rubber and plastic combined).....	31	100.0	1.0	1.0	1.3	.7	.8	.8	.2
306	Miscellaneous fabricated rubber products.....	41	100.0	.2	.2	1.9	3.4	.9	.1	-
3061	Miscellaneous fabricated rubber products.....	41	100.0	.2	.2	1.9	3.4	.9	.1	-
307	Miscellaneous plastic products.....	79	100.0	.6	1.4	1.8	1.8	2.7	2.1	-
3071	Miscellaneous plastic products.....	79	100.0	.6	1.4	1.8	1.8	2.7	2.1	-
30714	Unsupported vinyl and polyethylene film and sheeting.....	9	100.0	1.2	7.5	7.6	8.6	4.3	-	.3
30719	Fabricated plastics products, n.e.c. (including footwear made wholly of plastic).....	30	100.0	.1	.7	.5	1.1	2.1	-	-
31	Leather and leather products.....	65	100.0	.8	.3	3.5	.8	1.0	1.1	.1
311	Leather, tanned and finished.....	12	100.0	.5	.1	9.4	.8	-	.2	.5
3111	Leather, tanned and finished.....	12	100.0	.5	.1	9.4	.8	-	.2	.5
31111	Leather, tanned and finished.....	12	100.0	.5	.1	9.4	.8	-	.2	.5

See footnotes at end of table.

TABLE 4. Percent Distribution of Commodities, by Production Area of Destination: 1967--Continued

TCC code	Commodity	Percent distribution by production area ¹ of destination--Continued									
		8 (HARR)	9 (SYRA)	10 (BUFF)	11 (CLEV)	12 (PITT)	13 (DETR)	14 (CINC)	15 (CHIC)	16 (MILW)	17 (M-SP)
	TON-MILES OF SHIPMENTS--Continued										
22	Basic textiles.....	0.1	0.3	0.4	2.4	0.1	13.7	1.8	1.7	1.1	0.2
228	Thread and yarn (cotton, wool, silk, and man-made fiber).....	.1	.2	.4	3.3	.1	.4	-	8.7	.2	-
2281	Yarn.....	.1	.2	.4	3.3	.1	.4	-	8.7	.2	-
22819	Yarn, n.e.c.....	.1	.3	.5	3.8	.1	.6	-	13.1	.3	.1
229	Miscellaneous basic textiles.....	-	.1	.1	3.8	-	25.5	.6	.8	.6	-
23	Apparel, including knit apparel, and other finished textile products.....	.8	.8	.8	5.2	.3	2.3	3.6	8.3	.1	1.7
26	Pulp, paper, and allied products.....	.7	.8	1.5	3.7	.2	1.1	.2	7.7	.9	2.2
264	Converted paper and paperboard products (except containers and boxes).....	1.7	1.0	.3	6.1	.6	.6	.5	9.2	4.2	9.0
265	Containers, boxes and related products, paperboard, fiberboard, and pulpboard.	-	.6	.8	.5	.1	-	-	1.1	-	-
28	Chemicals and allied products.....	.2	.5	.7	.6	.1	.1	.3	5.3	.6	.1
282	Plastic materials and plasticizers, synthetic resins, rubbers, and fibers.	2.5	.1	4.6	1.2	-	-	.2	11.5	-	-
2821	Plastic materials and plasticizers, synthetic resins, rubbers, and fibers.	2.5	.1	4.6	1.2	-	-	.2	11.5	-	-
28211	Plastic materials and plasticizers, synthetic resins, and nonvulcanizable elastomers.....	2.5	.1	4.6	1.3	-	-	.2	11.7	-	-
284	Soap and detergents, cleaning prepara- tions, perfumes, cosmetics, and other toilet preparations.....	.3	4.0	.3	.3	.2	.3	.4	4.6	7.4	-
285	Paints, varnishes, lacquers, enamels, and allied products.....	.3	.5	13.2	2.6	.6	-	.2	.8	.4	-
2851	Paints, varnishes, lacquers, enamels, and allied products.....	.3	.5	13.2	2.6	.6	-	.2	.8	.4	-
289	Miscellaneous chemical products.....	.2	1.4	2.8	2.1	1.3	.5	-	12.4	-	3.1
2891	Glue and gelatin.....	.3	.2	3.7	2.3	1.7	.1	-	16.8	-	-
2899	Chemical products, n.e.c.....	.1	2.0	.1	1.8	-	2.0	-	1.1	-	13.8
28999	Chemical products, n.e.c.....	.1	2.1	.1	2.2	-	2.5	-	1.3	-	17.1
30	Rubber and miscellaneous plastics products.....	1.1	.7	.7	.7	.8	1.6	.2	21.9	.1	2.3
302	Rubber footwear (including rubber and plastic combined).....	.2	-	.2	1.0	.2	.9	-	43.2	.1	1.4
3021	Rubber footwear (including rubber and plastic combined).....	.2	-	.2	1.0	.2	.9	-	43.2	.1	1.4
30211	Rubber footwear (including rubber and plastic combined).....	.2	-	.2	1.0	.2	.9	-	43.2	.1	1.4
306	Miscellaneous fabricated rubber products.....	.2	.4	.5	.3	.4	.7	.2	.8	-	-
3061	Miscellaneous fabricated rubber products.....	.2	.4	.5	.3	.4	.7	.2	.8	-	-
307	Miscellaneous plastic products.....	1.9	1.0	.8	.8	1.2	2.4	.3	25.0	.2	3.9
3071	Miscellaneous plastic products.....	1.9	1.0	.8	.8	1.2	2.4	.3	25.0	.2	3.9
30714	Unsupported vinyl and polyethylene film and sheeting.....	-	8.0	1.6	1.1	7.0	6.9	-	4.5	-	10.0
30719	Fabricated plastics products, n.e.c. (including footwear made wholly of plastic).....	2.8	.1	.7	.5	.3	1.1	.8	46.5	.4	-
31	Leather and leather products.....	1.6	.2	.4	.7	1.0	.7	.7	3.1	1.8	.7
311	Leather, tanned and finished.....	2.6	.7	.3	-	-	-	2.4	.6	6.1	.2
3111	Leather, tanned and finished.....	2.6	.7	.3	-	-	-	2.4	.6	6.1	.2
31111	Leather, tanned and finished.....	2.6	.7	.3	-	-	-	2.4	.6	6.1	.2

See footnotes at end of table.

TABLE 4. Percent Distribution of Commodities, by Production Area of Destination: 1967--Continued

TCC code	Commodity	Percent distribution by production area ¹ of destination--Continued									Sampling variability code ³
		18 (STLO)	19 (ATLA)	20 (DALL)	21 (HOUS)	22 (DENV)	23 (SETL)	24 (SANF)	25 (LOSA)	All other	
	TON-MILES OF SHIPMENTS--Continued										
22	Basic textiles.....	0.5	0.1	1.3	1.2	0.4	0.3	1.9	6.6	48.2	-
228	Thread and yarn (cotton, wool, silk, and man-made fiber).....	.1	-	1.6	8.0	.1	.7	1.2	.9	46.0	-
2281	Yarn.....	.1	-	1.6	8.0	.1	.7	1.2	.9	46.0	-
22819	Yarn, n.e.c.....	.1	-	2.4	12.0	.1	1.1	1.8	.6	53.4	-
229	Miscellaneous basic textiles.....	.1	.1	1.5	.2	-	.1	.4	2.0	51.9	-
23	Apparel, including knit apparel, and other finished textile products.....	.2	.3	4.3	1.0	.1	.9	1.9	2.3	43.2	-
26	Pulp, paper, and allied products.....	1.6	.3	.6	.3	-	-	.1	17.4	38.9	-
264	Converted paper and paperboard products (except containers and boxes).....	1.5	1.1	2.4	.7	.1	.2	.5	5.0	43.1	-
265	Containers, boxes and related products, paperboard, fiberboard, and pulpboard.	.9	-	.1	.5	-	-	-	32.6	32.8	-
28	Chemicals and allied products.....	.1	1.3	.2	1.5	.1	-	2.8	1.3	79.8	-
282	Plastic materials and plasticizers, synthetic resins, rubbers, and fibers.	.4	.9	.5	10.8	1.1	-	2.9	.2	46.4	-
2821	Plastic materials and plasticizers, synthetic resins, rubbers, and fibers.	.4	.9	.5	10.8	1.1	-	2.9	.2	46.4	-
28211	Plastic materials and plasticizers, synthetic resins, and nonvulcanizable elastomers.....	.4	.7	.5	11.0	1.2	-	3.0	.1	45.7	-
284	Soap and detergents, cleaning preparations, perfumes, cosmetics, and other toilet preparations.....	.2	-	-	-	-	.1	22.8	1.1	44.4	-
285	Paints, varnishes, lacquers, enamels, and allied products.....	-	3.0	.1	.6	-	.1	2.0	.3	54.0	-
2851	Paints, varnishes, lacquers, enamels, and allied products.....	-	3.0	.1	.6	-	.1	2.0	.3	54.0	-
289	Miscellaneous chemical products.....	.2	-	.2	-	-	-	7.2	16.7	42.2	-
2891	Glue and gelatin.....	.2	-	-	-	-	-	7.6	12.6	45.5	-
2899	Chemical products, n.e.c.....	.4	-	1.0	-	-	-	7.4	34.3	21.6	-
28999	Chemical products, n.e.c.....	.5	-	1.3	.1	-	-	9.1	41.7	18.5	-
30	Rubber and miscellaneous plastics products.....	3.8	.4	1.8	.9	.5	.4	1.0	9.7	42.7	-
302	Rubber footwear (including rubber and plastic combined).....	7.3	.9	1.1	-	.2	-	1.4	3.2	32.9	-
3021	Rubber footwear (including rubber and plastic combined).....	7.3	.9	1.1	-	.2	-	1.4	3.2	32.9	-
30211	Rubber footwear (including rubber and plastic combined).....	7.3	.9	1.1	-	.2	-	1.4	3.2	32.9	-
306	Miscellaneous fabricated rubber products.....	7.4	-	.9	2.3	1.0	.6	.8	2.7	74.1	-
3061	Miscellaneous fabricated rubber products.....	7.4	-	.9	2.3	1.0	.6	.8	2.7	74.1	-
307	Miscellaneous plastic products.....	.7	.4	2.5	.6	.4	.4	1.0	16.0	30.1	-
3071	Miscellaneous plastic products.....	.7	.4	2.5	.6	.4	.4	1.0	16.0	30.1	-
30714	Unsupported vinyl and polyethylene film and sheeting.....	5.6	-	1.7	3.9	-	.1	6.7	4.4	9.0	-
30719	Fabricated plastics products, n.e.c. (including footwear made wholly of plastic).....	-	.1	1.6	.2	.1	1.0	.4	13.1	25.8	-
31	Leather and leather products.....	13.9	.5	2.0	.7	.2	8.0	4.0	23.9	28.3	-
311	Leather, tanned and finished.....	53.1	-	1.0	-	-	-	.2	1.7	19.6	-
3111	Leather, tanned and finished.....	53.1	-	1.0	-	-	-	.2	1.7	19.6	-
31111	Leather, tanned and finished.....	53.1	-	1.0	-	-	-	.2	1.7	19.6	-

See footnotes at end of table.

TABLE 4. Percent Distribution of Commodities, by Production Area of Destination: 1967 --Continued

TCC code	Commodity	Number	Percent distribution by production area ¹ of destination							
			Total	1 ² (BOST)	2 (HART)	3 (NYNY)	4 (N. NJ)	5 (PHIL)	6 (BALT)	7 (ALLN)
	TON-MILES OF SHIPMENTS--Continued	(millions of ton-miles)								
314	Footwear (except rubber).....	40	100.0	0.7	0.3	1.4	0.2	1.4	0.6	-
3141	Footwear (except house slippers and rubber footwear).....	21	100.0	.6	.2	2.2	.3	2.7	1.1	0.1
31411	Footwear (except house slippers and rubber footwear).....	21	100.0	.6	.2	2.2	.3	2.7	1.1	.1
32	Stone, clay, and glass products.....	141	100.0	5.7	2.4	5.0	.8	2.5	.9	.2
329	Abrasives, asbestos, and miscellaneous nonmetallic mineral products.....	50	100.0	.1	.4	.5	.4	2.4	1.1	.4
3291	Abrasive products.....	43	100.0	.1	.5	.6	.5	2.9	1.3	.5
33	Primary metal products.....	344	100.0	.5	1.3	1.7	3.3	3.6	.7	-
331	Steel works and rolling mill products..	78	100.0	1.5	4.2	3.4	5.4	11.6	1.1	.1
3315	Steel wire, nails, and spikes.....	73	100.0	1.0	4.3	3.3	5.0	12.3	1.1	.1
335	Nonferrous metal basic shapes.....	245	100.0	.1	.3	1.2	2.7	.9	.7	-
3357	Nonferrous wire (including insulated wire).....	217	100.0	.1	.2	1.4	1.7	.7	.8	-
33574	Wire and cable, insulated, enameled or covered.....	212	100.0	.1	.1	1.4	.9	.8	.8	-
339	Miscellaneous primary metal products...	18	100.0	.2	1.7	1.2	.3	5.9	.2	-
34	Fabricated metal products.....	245	100.0	.6	.3	.9	.7	1.2	.2	-
342	Cutlery, hand tools, and general hardware.....	108	100.0	-	.1	.5	.3	-	-	-
344	Structural and miscellaneous metal products.....	77	100.0	.7	.1	.7	.5	1.2	.1	-
345	Bolts, nuts, screws, rivets, washers, and other industrial fasteners.....	3	100.0	.3	.1	.7	1.8	.1	3.0	.2
3452	Bolts, nuts, screws, rivets, washers, and other industrial fasteners.....	3	100.0	.3	.1	.7	1.8	.1	3.0	.2
34521	Bolts, nuts, screws, rivets, and washers.....	2	100.0	.6	.3	.7	3.8	.1	-	.4
349	Miscellaneous fabricated metal prod- ucts.....	26	100.0	.5	.4	3.5	1.2	7.1	-	-
35	Machinery, except electrical.....	174	100.0	.5	.6	1.7	1.1	1.7	1.2	.6
354	Metalworking machinery and equipment...	18	100.0	.2	.6	1.4	1.7	2.9	4.5	-
3541	Machine tools, metal cutting types.....	12	100.0	.2	.7	1.9	2.2	1.6	.1	-
35412	Machine tools, metal cutting types.....	12	100.0	.2	.7	1.9	2.2	1.6	.1	-
355	Special industry machinery (except metalworking machinery).....	45	100.0	.6	.4	2.2	1.0	1.3	.1	.7
3559	Miscellaneous special industry machi- nery.....	7	100.0	2.0	.8	2.5	.6	1.9	.2	.2
35599	Special industry machinery, n.e.c.....	6	100.0	2.1	.9	2.5	.6	.7	.2	.2
357	Office, computing, and accounting machines.....	11	100.0	.2	.6	1.8	.7	.9	.6	.1
359	Miscellaneous machinery and parts (except electrical).....	11	100.0	.2	-	.6	.4	.6	.4	-
3599	Miscellaneous machinery and parts (except electrical).....	11	100.0	.2	-	.6	.4	.6	.4	-
35999	Machinery and parts, n.e.c. (except electrical).....	11	100.0	.2	-	.6	.4	.6	.4	-
36	Electrical machinery and equipment.....	404	100.0	.1	.2	.8	.3	.4	.2	-
362	Electrical industrial apparatus.....	8	100.0	.1	1.0	2.1	.5	.1	-	.1
36433	Switches (except knife, time, solenoid, and automotive).....	4	100.0	.3	6.4	14.5	.3	.4	3.6	-
36439	Current carrying wiring devices, n.e.c.	11	100.0	.3	.3	.6	.5	.4	-	-

See footnotes at end of table.

TABLE 4. Percent Distribution of Commodities, by Production Area of Destination: 1967--Continued

TCC code	Commodity	Percent distribution by production area ¹ of destination--Continued									
		8 (HARR)	9 (SYRA)	10 (BUFF)	11 (CLEV)	12 (PITT)	13 (DETR)	14 (CINC)	15 (CHIC)	16 (MILW)	17 (M-SP)
	TON-MILES OF SHIPMENTS--Continued										
314	Footwear (except rubber).....	1.3	0.1	0.5	1.0	1.5	1.2	0.4	3.5	0.2	0.3
3141	Footwear (except house slippers and rubber footwear).....	2.5	.2	.4	1.1	2.6	1.8	.6	4.1	.1	.6
31411	Footwear (except house slippers and rubber footwear).....	2.5	.2	.4	1.1	2.6	1.8	.6	4.1	.1	.6
32	Stone, clay, and glass products.....	.1	3.9	4.4	5.3	2.5	7.9	.6	8.7	.3	.1
329	Abrasives, asbestos, and miscellaneous nonmetallic mineral products.....	.3	4.4	.9	5.0	7.0	2.4	1.7	24.4	.1	.2
3291	Abrasive products.....	.3	5.2	.7	5.8	8.2	2.4	2.0	28.8	-	.2
33	Primary metal products.....	.1	.2	.4	1.5	2.0	1.8	.2	9.7	.4	1.8
331	Steel works and rolling mill products..	-	.2	.5	2.6	1.2	2.1	.1	4.4	.3	6.5
3315	Steel wire, nails, and spikes.....	-	-	.5	2.7	1.3	2.1	.1	3.5	.3	6.9
335	Nonferrous metal basic shapes.....	.1	.2	.4	1.1	1.7	1.5	.2	12.0	.4	.5
3357	Nonferrous wire (including insulated wire).....	.1	.2	.3	1.2	1.9	1.6	.1	12.1	.4	.3
33574	Wire and cable, insulated, enameled or covered.....	.1	.2	.4	1.1	1.1	1.7	.1	12.2	.3	.3
339	Miscellaneous primary metal products...	-	.8	.1	2.0	10.7	4.7	.1	1.5	-	-
34	Fabricated metal products.....	.1	.4	.4	.4	.2	2.6	.5	6.0	.2	.5
342	Cutlery, hand tools, and general hardware.....	.1	.5	.1	.2	.2	.2	-	7.6	.1	.3
344	Structural and miscellaneous metal products.....	-	.3	-	-	-	2.9	.6	5.7	-	1.2
345	Bolts, nuts, screws, rivets, washers, and other industrial fasteners.....	-	-	1.2	.7	-	1.3	3.3	3.9	1.0	.2
3452	Bolts, nuts, screws, rivets, washers, and other industrial fasteners.....	-	-	1.2	.7	-	1.3	3.3	3.9	1.0	.2
34521	Bolts, nuts, screws, rivets, and washers.....	-	.1	.8	1.2	-	1.5	.2	.9	1.6	.1
349	Miscellaneous fabricated metal products.....	.5	.6	2.6	-	-	1.8	.1	2.2	-	-
35	Machinery, except electrical.....	1.1	.9	1.2	1.2	.4	1.9	.7	4.7	.9	1.4
354	Metalworking machinery and equipment...	.1	.1	.3	3.4	.8	2.8	.8	8.0	3.1	1.9
3541	Machine tools, metal cutting types.....	.2	.1	.2	4.5	.6	3.8	1.0	2.5	3.8	2.9
35412	Machine tools, metal cutting types.....	.2	.1	.2	4.5	.6	3.8	1.0	2.5	3.8	2.9
355	Special industry machinery (except metalworking machinery).....	.7	.1	1.2	.2	.1	.5	1.7	.9	1.1	.3
3559	Miscellaneous special industry machinery.....	4.3	.6	6.0	.3	.2	3.2	.1	2.1	1.6	-
35599	Special industry machinery, n.e.c.....	-	.7	6.4	.2	.2	1.8	.1	2.2	1.7	-
357	Office, computing, and accounting machines.....	-	-	.4	.5	1.7	4.7	-	2.9	.3	1.9
359	Miscellaneous machinery and parts (except electrical).....	.4	1.1	.5	9.8	.1	.8	.2	7.0	.1	.1
3599	Miscellaneous machinery and parts (except electrical).....	.4	1.1	.5	9.8	.1	.8	.2	7.0	.1	.1
35999	Machinery and parts, n.e.c. (except electrical).....	.4	1.1	.5	9.8	.1	.8	.2	7.0	.1	.1
36	Electrical machinery and equipment.....	-	.1	.3	.8	.2	1.2	1.0	20.5	.2	1.5
362	Electrical industrial apparatus.....	-	.3	.5	.1	-	.3	2.3	.4	.1	.6
36433	Switches (except knife, time, solenoid, and automotive).....	.2	-	.2	1.5	-	2.1	.3	11.7	2.9	.4
36439	Current carrying wiring devices, n.e.c.	.4	.6	1.0	1.1	-	.2	.7	7.8	2.8	1.4

See footnotes at end of table.

TABLE 4. Percent Distribution of Commodities, by Production Area of Destination: 1967--Continued

TCC code	Commodity	Percent distribution by production area ¹ of destination--Continued									Sampling variability code ³
		18 (STLO)	19 (ATLA)	20 (DALL)	21 (HOUS)	22 (DENV)	23 (SETL)	24 (SANF)	25 (LOSA)	All other	
	TON-MILES OF SHIPMENTS--Continued										
314	Footwear (except rubber).....	4.7	0.8	1.5	1.0	0.3	12.7	6.0	36.4	22.0	-
3141	Footwear (except house slippers and rubber footwear).....	6.1	1.0	2.7	1.4	.6	1.9	11.0	19.9	34.2	-
31411	Footwear (except house slippers and rubber footwear).....	6.1	1.0	2.7	1.4	.6	1.9	11.0	19.9	34.2	-
32	Stone, clay, and glass products.....	.1	-	.1	4.0	.1	-	.6	4.1	39.7	-
329	Abrasives, asbestos, and miscellaneous nonmetallic mineral products.....	.1	-	.1	11.1	.1	.1	1.4	5.9	29.5	-
3291	Abrasive products.....	.1	-	.1	13.1	.2	.1	1.6	6.9	17.9	-
33	Primary metal products.....	.9	7.0	1.2	.7	3.8	2.9	3.2	14.0	37.1	-
331	Steel works and rolling mill products..	-	24.7	-	-	2.3	-	-	.2	27.6	-
3315	Steel wire, nails, and spikes.....	-	26.4	-	-	2.4	-	-	.2	26.5	-
335	Nonferrous metal basic shapes.....	1.2	1.8	1.1	1.0	4.7	4.0	4.4	17.0	40.8	-
3357	Nonferrous wire (including insulated wire).....	1.2	2.0	1.2	1.1	1.1	4.6	5.0	18.6	42.1	-
33574	Wire and cable, insulated, enameled or covered.....	1.3	2.1	1.3	1.1	1.1	4.7	5.1	19.1	42.6	-
339	Miscellaneous primary metal products...	.9	1.0	7.7	-	-	.8	.7	35.3	24.2	-
34	Fabricated metal products.....	.8	.4	1.5	18.4	4.3	.5	4.0	22.7	32.2	-
342	Cutlery, hand tools, and general hardware.....	.1	-	1.6	30.9	.3	.4	8.5	40.7	7.3	-
344	Structural and miscellaneous metal products.....	1.2	1.3	1.4	12.4	-	-	.2	10.3	59.2	-
345	Bolts, nuts, screws, rivets, washers, and other industrial fasteners.....	-	.4	1.8	-	-	-	.3	28.6	51.1	-
3452	Bolts, nuts, screws, rivets, washers, and other industrial fasteners.....	-	.4	1.8	-	-	-	.3	28.6	51.1	-
34521	Bolts, nuts, screws, rivets, and washers.....	-	.9	.7	-	-	-	.6	17.9	67.6	-
349	Miscellaneous fabricated metal products	2.8	.1	.2	6.7	40.0	.1	1.5	1.3	26.8	-
35	Machinery, except electrical.....	.6	1.4	.7	4.0	1.3	2.2	5.2	9.7	53.1	-
354	Metalworking machinery and equipment...	2.1	-	1.9	2.3	.7	1.1	5.0	10.3	44.0	-
3541	Machine tools, metal cutting types.....	3.2	-	2.8	-	1.1	1.7	7.2	15.5	42.2	-
35412	Machine tools, metal cutting types.....	3.2	-	2.8	-	1.1	1.7	7.2	15.5	42.2	-
355	Special industry machinery (except metalworking machinery).....	.3	1	-	.2	.1	-	1.0	6.7	78.5	-
3559	Miscellaneous special industry machinery.....	1.4	.3	-	1.3	-	-	-	1.0	69.4	-
35599	Special industry machinery, n.e.c.....	1.5	.3	-	1.4	-	-	-	1.1	75.2	-
357	Office, computing, and accounting machines.....	.2	4.4	2.1	1.0	5.3	1.5	11.3	16.2	40.7	-
359	Miscellaneous machinery and parts (except electrical).....	.1	-	.1	2.5	.1	.1	3.4	8.6	62.8	-
3599	Miscellaneous machinery and parts (except electrical).....	.1	-	.1	2.5	.1	.1	3.4	8.6	62.8	-
35999	Machinery and parts, n.e.c. (except electrical).....	.1	-	.1	2.5	.1	.1	3.4	8.6	62.8	-
36	Electrical machinery and equipment.....	1.1	1.4	.3	1.4	1.9	4.7	5.2	41.8	14.4	-
362	Electrical industrial apparatus.....	1.1	1.5	.5	.1	-	.1	2.1	1.8	84.3	-
36433	Switches (except knife, time, solenoid, and automotive).....	2.0	-	-	1.3	-	.3	1.0	3.5	47.1	-
36439	Current carrying wiring devices, n.e.c.	1.7	.7	1.9	-	.3	15.4	2.9	18.8	40.2	-

See footnotes at end of table.

TABLE 4. Percent Distribution of Commodities, by Production Area of Destination: 1967 --Continued

TCC code	Commodity	Number	Percent distribution by production area ¹ of destination							
			Total	1 ² (BOST)	2 (HART)	3 (NYNY)	4 (N. NJ)	5 (PHIL)	6 (BALT)	7 (ALLN)
	TON-MILES OF SHIPMENTS--Continued	(millions of ton-miles)								
365	Radio and television receiving sets (except communication types), phonographs, and phonograph records.....	12	100.0	0.1	0.3	5.4	2.5	0.9	-	0.1
3651	Radio and television receiving sets (except communication types), and phonographs.....	12	100.0	.1	.3	5.4	2.5	.9	-	.1
36511	Household and automotive radios, radio-phonograph combinations, phonographs..	12	100.0	.1	.3	5.4	2.5	.8	-	.1
367	Electronic components or accessories...	3	100.0	.2	.1	1.5	.2	.6	0.5	-
3674	Solid state semiconductor devices.....	1	100.0	.1	.1	2.4	.5	.6	.3	-
36741	Solid state semiconductor devices.....	1	100.0	.1	.1	2.4	.5	.6	.3	-
3679	Miscellaneous electronic components and accessories.....	2	100.0	.3	.2	1.8	.2	.7	.4	-
36791	Miscellaneous electronic components and accessories.....	2	100.0	.3	.2	1.8	.2	.7	.4	-
3714	Motor vehicle parts and accessories....	10	100.0	.2	1.1	.2	2.3	.7	.3	-
38	Instruments, photographic goods, optical goods, watches, and clocks....	27	100.0	.1	.6	1.6	2.5	.4	.2	.3
386	Photographic equipment and supplies....	1	100.0	.2	8.0	1.1	1.3	.1	-	.1
3861	Photographic equipment and supplies....	1	100.0	.2	8.0	1.1	1.3	.1	-	.1
39	Miscellaneous products of manufacturing	146	100.0	.3	.1	2.9	.8	.5	.1	-
3999	Manufactured products, n.e.c.....	11	100.0	.1	-	.1	4.2	.2	-	-

TCC code	Commodity	Percent distribution by production area ¹ of destination--Continued									
		8 (HARR)	9 (SYRA)	10 (BUFF)	11 (CLEV)	12 (PITT)	13 (DETR)	14 (CINC)	15 (CHIC)	16 (MILW)	17 (M-SP)
	TON-MILES OF SHIPMENTS--Continued										
365	Radio and television receiving sets (except communication types), phonographs, and phonograph records.....	-	0.3	0.8	2.0	0.3	5.2	0.2	2.2	0.4	1.8
3651	Radio and television receiving sets (except communication types), and phonographs.....	-	.3	.8	2.0	.3	5.2	.2	2.2	.4	1.8
36511	Household and automotive radios, radio-phonograph combinations, phonographs..	-	.3	.8	2.0	.3	5.2	.2	2.2	.4	1.8
367	Electronic components or accessories...	-	.1	1.1	.1	.4	.7	5.5	2.6	1.0	2.9
3674	Solid state semiconductor devices.....	-	.1	.4	.3	.1	.7	2.0	1.7	-	14.5
36741	Solid state semiconductor devices.....	-	.1	.4	.3	.1	.7	2.0	1.7	-	14.5
3679	Miscellaneous electronic components and accessories.....	0.1	.1	2.3	.1	.8	.6	8.9	4.8	2.2	1.0
36791	Miscellaneous electronic components and accessories.....	.1	.1	2.3	.1	.8	.6	8.9	4.8	2.2	1.0
3714	Motor vehicle parts and accessories....	-	-	4.3	3.4	-	3.2	-	1.8	-	6.8
38	Instruments, photographic goods, optical goods, watches, and clocks....	.5	2.2	.5	.6	.3	.8	1.1	4.4	.8	.4
386	Photographic equipment and supplies....	.2	-	2.7	.2	.2	-	.2	5.8	2.6	.1
3861	Photographic equipment and supplies....	.2	-	2.7	.2	.2	-	.2	5.8	2.6	.1
39	Miscellaneous products of manufacturing	.1	-	.3	1.1	1.1	1.3	.7	3.3	1.1	1.5
3999	Manufactured products, n.e.c.....	-	.1	-	.4	-	.2	-	.9	.5	-

See footnotes at end of table.

TABLE 4. Percent Distribution of Commodities, by Production Area of Destination: 1967--Continued

TCC code	Commodity	Percent distribution by production area ¹ of destination--Continued									Sampling variability code ³
		18 (STLO)	19 (ATLA)	20 (DALL)	21 (HOUS)	22 (DENV)	23 (SETL)	24 (SANF)	25 (LOSA)	All other	
	TON-MILES OF SHIPMENTS--Continued										
365	Radio and television receiving sets (except communication types), phonographs, and phonograph records.....	0.8	3.1	2.2	1.7	3.4	0.2	17.1	6.8	42.2	-
3651	Radio and television receiving sets (except communication types), and phonographs.....	.8	3.1	2.2	1.7	3.4	.2	17.2	6.9	42.0	-
36511	Household and automotive radios, radio-phonograph combinations, phonographs..	.8	3.1	2.2	1.7	3.4	.2	17.2	6.9	42.1	-
367	Electronic components or accessories...	.6	-	4.7	-	-	.7	4.7	7.5	64.3	-
3674	Solid state semiconductor devices.....	-	-	21.8	.2	-	1.3	4.8	20.5	27.6	-
36741	Solid state semiconductor devices.....	-	-	21.8	.2	-	1.3	4.8	20.5	27.6	-
3679	Miscellaneous electronic components and accessories.....	1.2	.1	1.1	-	-	1.1	5.4	5.7	60.9	-
36791	Miscellaneous electronic components and accessories.....	1.2	.1	1.1	-	-	1.1	5.4	5.7	60.9	-
3714	Motor vehicle parts and accessories....	-	.8	4.4	.1	-	-	15.5	5.7	49.2	-
38	Instruments, photographic goods, optical goods, watches, and clocks....	.2	6.0	3.7	.4	.7	2.5	14.6	20.2	34.4	-
386	Photographic equipment and supplies....	-	-	10.5	-	-	1.4	12.7	43.3	9.3	-
3861	Photographic equipment and supplies....	-	-	10.5	-	-	1.4	12.7	43.3	9.3	-
39	Miscellaneous products of manufacturing	1.4	1.5	7.8	.5	.5	4.6	9.6	29.0	29.9	-
3999	Manufactured products, n.e.c.....	-	.6	62.5	.5	.7	-	.2	16.1	12.7	-

¹Designations below the area numbers are used to help identify the area. Descriptions of production areas appear on page 4.

²Includes only those shipments that originated in one city in this area and terminated in another city in this area. Does not include shipments originating and terminating in the same city.

³Code letter indicates a sampling variability range as follows: a, 0-9 percent; b, 10-19 percent; c, 20-29 percent; and d, 30-50 percent. The variability for ton-miles has not been estimated.

PRODUCTION AREA 2

Consists of nine Standard Metropolitan Statistical Areas: Hartford, Conn.; New Britain, Conn.; Meriden, Conn.; Waterbury, Conn.; New Haven, Conn.; Bridgeport, Conn.; Norwalk, Conn.; Stamford, Conn.; Springfield-Chicopee-Holyoke, Mass.-Conn.

SUMMARY

The estimates of tons and ton-miles are based on reports from a sample of shipments by approximately 342 manufacturing establishments located in this Production Area. The total tons and ton-miles represent the total inter-city shipments by essentially all manufacturing establishments in the area, except for plants with less than 20 employees. However, since the data are based on a sample, the estimates necessarily are subject to "sampling variability."

The approximate degree of sampling variability for tons for each commodity or commodity class is indicated in the last column of tables 1 to 4. In general, most of the commodity data in this report are subject to substantial sampling variability and should be treated as approximate rather than precise measures.

About 4.9 million tons of commodities were shipped by plants in this area to destinations beyond the local area. These shipments generated 2.2 billion ton-miles by all means of transport combined, and averaged about 454 straight-line miles per ton shipped.

Motor carriers are the dominant means of transport, hauling over 57 percent of the total tons. When measured in terms of ton-miles, motor carriers are still dominant, accounting for almost 49 percent of the total ton-miles.

Comparisons between 1967 and 1963 data are presented in tables A through D. The 1967 survey is comparable with 1963, except for the exclusion from the survey, in 1967, of plants with less than 20 employees. Nationally, those plants accounted for only 4 percent of the total tons originated in the 1963 survey.

**Table A. PERCENT DISTRIBUTION OF SHIPMENTS
BY MEANS OF TRANSPORT**

Means of transport	All commodities	
	1967	1963
Tons of shipments.....millions..	4.9	4.2
Ton-miles.....billions..	2.2	2.0
TONS OF SHIPMENTS	Percent distribution	
All means of transport.....	100.0	100.0
Rail.....	20.0	22.4
Motor carrier.....	57.3	53.5
Private truck.....	19.6	18.7
Air.....	.7	.3
Water.....	.5	2.3
Other.....	1.9	2.8
TON-MILES		
All means of transport.....	100.0	100.0
Rail.....	40.6	41.7
Motor carrier.....	48.9	46.2
Private truck.....	5.6	4.3
Air.....	1.3	.7
Water.....	1.6	3.1
Other.....	2.0	4.0

Note: Ton-miles are the product of weight times distance on a straight-line distance basis.

**Table C. PERCENT DISTRIBUTION OF SHIPMENTS
BY DISTANCE OF SHIPMENT**

Distance shipped	All commodities	
	1967	1963
TONS OF SHIPMENTS		
All distances.....	100.0	100.0
Under 100 miles.....	34.3	34.6
100 to 199 miles.....	18.5	14.7
200 to 299 miles.....	6.8	7.7
300 to 499 miles.....	6.4	6.4
500 to 999 miles.....	22.2	24.8
1,000 to 1,499 miles.....	6.6	5.9
1,500 miles and over.....	5.2	5.9

**Table B. AVERAGE LENGTH OF HAUL
BY MEANS OF TRANSPORT**

(Straight-line miles)

Means of transport	All commodities	
	1967	1963
All means of transport.....	454	471
Rail.....	921	877
Motor carrier.....	387	407
Private truck.....	130	108

Note: Average length of haul is based on straight-line miles from plant to customer or redistribution point, weighted by tonnage shipped (i.e., ton-miles divided by tons). Rail short-line and highway direct-route distances average about 24 and 21 percent, respectively, longer than straight-line distances.

**Table D. PERCENT DISTRIBUTION OF SHIPMENTS
BY AREA OF DESTINATION**

Area of destination	All commodities	
	1967	1963
Tons of shipments.....thousands..	4,866	4,187
Ton-miles.....millions..	2,208	1,972
TONS OF SHIPMENTS	Percent distribution	
All areas.....	100.0	100.0
Production Area 02 ¹	8.0	8.0
Other production areas.....	59.2	57.1
All other areas.....	32.8	34.9
TON-MILES		
All areas.....	100.0	100.0
Production Area 02 ¹.....	.6	.5
Other production areas.....	57.4	56.3
All other areas.....	42.0	43.2

¹Includes only those shipments that originated in one city in this area and terminated in another city in this area.

TABLE 1. Percent Distribution of Commodities, by Means of Transport: 1967

TCC code	Commodity	Number	Percent distribution by means of transport								Sampling variability code ¹
			All means of transport	Rail	Motor carrier	Private truck	Air	Water	Other	Unknown	
	TONS OF SHIPMENTS	(thousands of tons)									
	Production Area 02, total.....	4,866	100.0	20.0	57.3	19.6	0.7	0.5	1.8	0.1	-
20	Food and kindred products.....	353	100.0	6.4	13.3	80.2	.1	-	-	-	d
22	Basic textiles.....	23	100.0	3.1	79.3	12.6	3.5	.1	1.3	.1	b
26	Pulp, paper, and allied products.....	851	100.0	23.9	39.7	34.8	.2	-	1.4	-	c
262	Paper (except building paper).....	132	100.0	18.4	69.5	7.9	.1	-	4.1	-	d
2621	Paper (except building paper).....	132	100.0	18.4	69.5	7.9	.1	-	4.1	-	d
263	Paperboard, fiberboard, and pulpboard (except insulating board).....	212	100.0	26.0	42.8	30.6	-	-	.6	-	d
2631	Paperboard, fiberboard, and pulpboard (except insulating board).....	212	100.0	26.0	42.8	30.6	-	-	.6	-	d
26311	Paperboard, fiberboard, and pulpboard (except insulating board).....	212	100.0	26.0	42.8	30.6	-	-	.6	-	d
28	Chemicals and allied products.....	699	100.0	31.5	58.7	7.7	-	.8	.9	.4	b
281	Industrial chemicals.....	28	100.0	20.6	57.2	2.7	.1	-	19.4	-	c
282	Plastic materials and plasticizers, synthetic resins, rubbers, and fibers.	392	100.0	35.3	55.8	8.3	-	-	-	.6	b
2821	Plastic materials and plasticizers, synthetic resins, rubbers, and fibers.	392	100.0	35.3	55.8	8.3	-	-	-	.6	b
284	Soap and detergents, cleaning preparations, perfumes, cosmetics, and other toilet preparations.....	200	100.0	36.2	57.1	3.8	-	2.7	.2	-	a
2842	Specialty cleaning, polishing, and sanitation preparations (except soap and detergents).....	47	100.0	42.7	49.0	8.1	-	-	.2	-	a
2844	Perfumes, cosmetics, and other toilet preparations.....	113	100.0	35.9	62.9	-	.1	.8	.3	-	a
28441	Perfumes, cosmetics, and other toilet preparations.....	113	100.0	35.9	62.9	-	.1	.8	.3	-	a
30	Rubber and miscellaneous plastics products.....	327	100.0	28.6	68.1	2.1	.4	-	.6	.2	c
307	Miscellaneous plastic products.....	55	100.0	.3	95.2	1.0	2.0	-	1.5	-	d
3071	Miscellaneous plastic products.....	55	100.0	.3	95.2	1.0	2.0	-	1.5	-	d
33	Primary metal products.....	1,011	100.0	20.6	65.1	12.9	.1	1.1	.1	.1	c
3312	Primary iron and steel products (except coke-oven products).....	1	100.0	-	98.8	-	.6	-	.6	-	d
332	Iron and steel castings.....	89	100.0	14.1	62.5	23.4	-	-	-	-	d
3321	Iron and steel castings.....	89	100.0	14.1	62.5	23.4	-	-	-	-	d
33219	Iron and steel castings, n.e.c.....	89	100.0	14.1	62.5	23.4	-	-	-	-	d
335	Nonferrous metal basic shapes.....	604	100.0	26.3	61.7	9.8	.1	1.9	.1	.1	a
3351	Copper, brass, bronze, and other copper base alloy basic shapes.....	295	100.0	18.7	67.1	13.4	-	.8	-	-	b
33511	Copper, brass, bronze, and other copper base alloy rods and bars.....	42	100.0	19.9	60.3	19.7	-	-	.1	-	c
33512	Copper, brass, bronze, and other copper base alloy plate, sheet, and strip.....	191	100.0	19.8	72.2	7.9	-	-	-	.1	c
336	Nonferrous and nonferrous base alloy castings.....	6	100.0	.6	75.8	11.6	-	1.4	.6	-	d
34	Fabricated metal products.....	601	100.0	11.3	67.7	9.7	2.7	.2	8.4	-	c
342	Cutlery, hand tools, and general hardware.....	114	100.0	18.7	79.6	.3	.1	.2	1.1	-	c
3423	Hand and edge tools (except machine tools and hand saws).....	38	100.0	16.2	83.6	-	-	-	.2	-	d
3429	Miscellaneous hardware.....	50	100.0	22.7	75.8	.6	.3	.1	.5	-	c
34299	Hardware, n.e.c.....	42	100.0	22.6	76.3	.7	.2	.2	-	-	c

See footnote at end of table.

TABLE 1. Percent Distribution of Commodities, by Means of Transport: 1967--Continued

TCC code	Commodity	Number	Percent distribution by means of transport								Sampling variability code ¹
			All means of transport	Rail	Motor carrier	Private truck	Air	Water	Other	Unknown	
	TONS OF SHIPMENTS--Continued	(thousands of tons)									
346	Metal stampings.....	50	100.0	27.2	59.7	10.0	0.8	0.1	2.2	-	d
3461	Metal stampings.....	50	100.0	27.2	59.7	10.0	.8	.1	2.2	-	d
34619	Metal stampings.....	50	100.0	27.2	59.8	10.0	.8	-	2.2	-	d
349	Miscellaneous fabricated metal products.....	102	100.0	4.4	52.2	40.9	1.6	.6	.3	-	d
35	Machinery, except electrical.....	239	100.0	6.7	89.1	2.2	.5	.6	.9	-	c
354	Metalworking machinery and equipment...	92	100.0	11.3	85.3	1.1	.5	1.4	.4	-	d
3548	Metalworking machinery (except machine tools).....	21	100.0	2.2	93.8	3.2	.3	-	.5	-	d
35489	Metalworking machinery, except machine tools, n.e.c.....	10	100.0	-	97.0	2.2	.6	-	.2	-	d
356	General industrial machinery and equipment.....	44	100.0	3.9	93.6	1.1	.3	-	1.1	-	c
36	Electrical machinery and equipment.....	149	100.0	5.7	78.0	11.9	2.1	.7	1.6	-	b
361	Electrical transmission and distribution equipment.....	23	100.0	2.5	74.7	18.9	3.3	-	.6	-	d
362	Electrical industrial apparatus.....	30	100.0	.1	56.0	40.7	1.7	.1	1.4	-	c
3622	Industrial controls and parts.....	1	100.0	-	77.1	-	3.5	-	19.4	-	d
36221	Industrial controls and parts.....	1	100.0	-	77.1	-	3.5	-	19.4	-	d
363	Household appliances.....	48	100.0	11.9	85.3	.3	.1	2.1	.2	0.1	d
364	Electric lighting and wiring equipment.	29	100.0	1.8	92.3	.8	1.8	.2	3.1	-	d
3643	Current carrying wiring devices (including lightning rods).....	26	100.0	1.8	92.5	.7	1.7	-	3.3	-	d
367	Electronic components or accessories...	12	100.0	9.7	77.9	3.7	5.2	-	3.5	-	c
3679	Miscellaneous electronic components and accessories.....	12	100.0	10.1	77.8	3.8	4.9	-	3.4	-	c
36791	Miscellaneous electronic components and accessories.....	12	100.0	10.1	77.8	3.8	4.9	-	3.4	-	c
37	Transportation equipment.....	58	100.0	11.6	77.1	3.9	6.1	.3	1.0	-	c
371	Motor vehicles and motor vehicle equipment.....	9	100.0	-	98.6	.9	.4	-	.1	-	d
38	Instruments, photographic goods, optical goods, watches, and clocks....	41	100.0	.6	78.5	3.8	10.6	-	6.5	-	d
39	Miscellaneous products of manufacturing	74	100.0	26.0	61.4	1.6	.1	2.7	8.2	-	d
	TON-MILES OF SHIPMENTS	(millions of ton-miles)									
	Production Areas 02, total.....	2,208	100.0	40.6	48.9	5.6	1.3	1.6	2.0	-	-
20	Food and kindred products.....	48	100.0	22.0	22.7	55.2	.1	-	-	-	-
22	Basic textiles.....	12	100.0	14.6	63.1	14.2	4.6	1.4	2.1	-	-
26	Pulp, paper, and allied products.....	270	100.0	51.7	31.5	13.6	.3	-	2.9	-	-
262	Paper (except building paper).....	62	100.0	38.5	49.9	6.5	.1	-	5.0	-	-
2621	Paper (except building paper).....	62	100.0	38.5	49.9	6.5	.1	-	5.0	-	-
263	Paperboard, fiberboard, and pulpboard (except insulating board).....	56	100.0	52.1	29.5	18.1	-	-	.3	-	-
2631	Paperboard, fiberboard, and pulpboard (except insulating board).....	56	100.0	52.1	29.5	18.1	-	-	.3	-	-
26311	Paperboard, fiberboard, and pulpboard (except insulating board).....	56	100.0	52.1	29.5	18.1	-	-	.3	-	-

See footnote at end of table.

TABLE 1. Percent Distribution of Commodities, by Means of Transport: 1967--Continued

TCC code	Commodity	Number (millions of ton-miles)	Percent distribution by means of transport								Sampling variability code ¹
			All means of transport	Rail	Motor carrier	Private truck	Air	Water	Other	Unknown	
	TON-MILES OF SHIPMENTS--Continued										
28	Chemicals and allied products.....	322	100.0	60.2	34.3	2.0	0.1	0.8	2.4	0.2	-
281	Industrial chemicals.....	20	100.0	38.4	27.0	.8	-	-	33.8	-	-
282	Plastic materials and plasticizers, synthetic resins, rubbers, and fibers.	124	100.0	62.1	35.3	2.2	-	-	-	.4	-
2821	Plastic materials and plasticizers, synthetic resins, rubbers, and fibers.	124	100.0	62.1	35.3	2.2	-	-	-	.4	-
284	Soap and detergents, cleaning preparations, perfumes, cosmetics, and other toilet preparations.....	155	100.0	68.6	28.6	.7	.1	1.7	.3	-	-
2842	Specialty cleaning, polishing, and sanitation preparations (except soap and detergents).....	33	100.0	64.3	33.3	2.4	-	-	-	-	-
2844	Perfumes, cosmetics, and other toilet preparations.....	108	100.0	73.7	24.0	-	.2	1.9	.2	-	-
28441	Perfumes, cosmetics, and other toilet preparations.....	108	100.0	73.7	24.0	-	.2	1.9	.2	-	-
30	Rubber and miscellaneous plastics products.....	143	100.0	47.8	49.6	.2	.8	-	1.5	.1	-
307	Miscellaneous plastic products.....	26	100.0	1.3	88.6	.1	4.1	-	5.9	-	-
3071	Miscellaneous plastic products.....	26	100.0	1.3	88.6	.1	4.1	-	5.9	-	-
33	Primary metal products.....	567	100.0	46.0	45.9	4.1	.2	3.7	.1	-	-
3312	Primary iron and steel products (except coke-oven products).....	-	-	-	-	-	-	-	-	-	-
332	Iron and steel castings.....	43	100.0	24.3	46.5	29.2	-	-	-	-	-
3321	Iron and steel castings.....	43	100.0	24.3	46.5	29.2	-	-	-	-	-
33219	Iron and steel castings, n.e.c.....	43	100.0	24.3	46.5	29.2	-	-	-	-	-
335	Nonferrous metal basic shapes.....	410	100.0	47.2	45.9	1.5	.2	5.1	.1	-	-
3351	Copper, brass, bronze, and other copper base alloy basic shapes.....	145	100.0	44.1	50.9	2.6	-	2.2	.2	-	-
33511	Copper, brass, bronze, and other copper base alloy rods and bars.....	17	100.0	37.6	57.8	3.8	-	-	.8	-	-
33512	Copper, brass, bronze, and other copper base alloy plate, sheet, and strip.....	95	100.0	49.9	48.5	1.4	-	-	.2	-	-
336	Nonferrous and nonferrous base alloy castings.....	2	100.0	36.0	60.8	.9	-	2.2	.1	-	-
34	Fabricated metal products.....	296	100.0	22.4	67.2	1.0	4.5	.1	4.8	-	-
342	Cutlery, hand tools, and general hardware.....	109	100.0	27.2	70.6	.1	.2	.2	1.7	-	-
3423	Hand and edge tools (except machine tools and hand saws).....	52	100.0	23.0	76.9	-	-	-	.1	-	-
3429	Miscellaneous hardware.....	36	100.0	36.8	62.2	.2	.4	-	.4	-	-
34299	Hardware, n.e.c.....	29	100.0	32.7	66.8	.3	.2	-	-	-	-
346	Metal stampings.....	32	100.0	46.5	50.4	.8	1.0	-	1.3	-	-
3461	Metal stampings.....	32	100.0	46.5	50.4	.8	1.0	-	1.3	-	-
34619	Metal stampings, n.e.c.....	32	100.0	46.5	50.4	.8	1.0	-	1.3	-	-
349	Miscellaneous fabricated metal products.....	39	100.0	14.2	77.7	4.0	2.5	.4	1.2	-	-
35	Machinery, except electrical.....	146	100.0	14.0	83.8	.6	.9	.1	.5	.1	-
354	Metalworking machinery and equipment...	58	100.0	16.2	81.9	.4	1.0	.1	.4	-	-
3548	Metalworking machinery (except machine tools).....	7	100.0	9.5	86.3	1.4	1.8	-	1.0	-	-
35489	Metalworking machinery, except machine tools, n.e.c.....	4	100.0	-	94.7	2.1	3.1	-	.1	-	-

See footnote at end of table.

TABLE 1. Percent Distribution of Commodities, by Means of Transport: 1967--Continued

TCC code	Commodity	Number	Percent distribution by means of transport								Sampling vari- ability code ¹
			All means of transport	Rail	Motor carrier	Pri- vate truck	Air	Water	Other	Un- known	
	TON-MILES OF SHIPMENTS--Continued	(millions of ton-miles)									
356	General industrial machinery and equipment.....	30	100.0	11.1	87.3	0.3	0.5	-	0.8	-	-
36	Electrical machinery and equipment.....	105	100.0	12.5	63.4	15.0	2.8	4.9	1.4	-	-
361	Electrical transmission and distribu- tion equipment.....	8	100.0	10.8	55.4	24.1	8.7	-	1.0	-	-
362	Electrical industrial apparatus.....	22	100.0	.1	35.1	59.7	3.3	-	1.8	-	-
3622	Industrial controls and parts.....	-	-	-	-	-	-	-	-	-	-
36221	Industrial controls and parts.....	-	-	-	-	-	-	-	-	-	-
363	Household appliances.....	46	100.0	19.2	69.6	.1	.2	10.7	.2	-	-
364	Electric lighting and wiring equipment.	17	100.0	7.5	87.3	.4	1.6	1.3	1.9	-	-
3643	Current carrying wiring devices (in- cluding lightning rods).....	15	100.0	8.0	87.9	.3	1.7	-	2.1	-	-
367	Electronic components or accessories...	7	100.0	16.8	69.5	.2	8.5	-	5.0	-	-
3679	Miscellaneous electronic components and accessories.....	7	100.0	18.3	67.5	.2	8.6	-	5.4	-	-
36791	Miscellaneous electronic components and accessories.....	7	100.0	18.3	67.5	.2	8.6	-	5.4	-	-
37	Transportation equipment.....	36	100.0	14.9	73.6	.9	8.2	.1	2.3	-	-
371	Motor vehicles and motor vehicle equipment.....	6	100.0	-	98.6	.1	1.0	.1	.2	-	-
38	Instruments, photographic goods, optical goods, watches, and clocks....	18	100.0	1.2	68.5	.8	20.2	-	9.3	-	-
39	Miscellaneous products of manufacturing	74	100.0	40.7	42.2	.1	.1	7.3	9.6	-	-

¹Code letter indicates a sampling variability range as follows: a, 0-9 percent; b, 10-19 percent; c, 20-29 percent; and d, 30-50 percent. The variability for ton-miles has not been estimated.

TABLE 2. Percent Distribution of Commodities, by Distance of Shipment: 1967

TCC code	Commodity	Number	Percent distribution by distance of shipment								Sampling variability code ¹
			All distances	Under 100 miles	100 to 199 miles	200 to 299 miles	300 to 499 miles	500 to 999 miles	1,000 to 1,499 miles	1,500 miles or over	
	TONS OF SHIPMENTS	(thousands of tons)									
	Production Area 02, total.....	4,866	100.0	34.3	18.5	6.8	6.4	22.2	6.6	5.2	-
20	Food and kindred products.....	353	100.0	76.1	12.2	2.8	2.6	4.8	1.4	.1	d
22	Basic textiles.....	23	100.0	24.8	19.0	2.6	4.9	39.6	3.1	6.0	b
26	Pulp, paper, and allied products.....	851	100.0	38.2	25.3	9.9	4.8	14.1	5.8	1.9	c
262	Paper (except building paper).....	132	100.0	19.8	31.9	2.8	7.4	25.0	9.4	3.7	d
2621	Paper (except building paper).....	132	100.0	19.8	31.9	2.8	7.4	25.0	9.4	3.7	d
263	Paperboard, fiberboard, and pulpboard (except insulating board).....	212	100.0	37.0	30.1	13.4	3.8	13.4	1.1	1.2	d
2631	Paperboard, fiberboard, and pulpboard (except insulating board).....	212	100.0	37.0	30.1	13.4	3.8	13.4	1.1	1.2	d
26311	Paperboard, fiberboard, and pulpboard (except insulating board).....	212	100.0	37.0	30.1	13.4	3.8	13.4	1.1	1.2	d
28	Chemicals and allied products.....	699	100.0	33.9	19.9	6.0	6.4	22.6	5.4	5.8	b
281	Industrial chemicals.....	28	100.0	18.9	9.0	2.3	17.8	9.5	40.1	2.4	c
282	Plastic materials and plasticizers, synthetic resins, rubber, and fibers.	392	100.0	38.9	22.7	6.3	4.9	25.3	.4	1.5	b
2821	Plastic materials and plasticizers, synthetic resins, rubbers, and fibers	392	100.0	38.9	22.7	6.3	4.9	25.3	.4	1.5	b
284	Soap and detergents, cleaning preparations, perfumes, cosmetics, and other toilet preparations.....	200	100.0	23.1	17.4	4.3	5.0	23.1	10.3	16.8	a
2842	Specialty cleaning, polishing, and sanitation preparations (except soap and detergents).....	47	100.0	9.3	19.2	8.1	7.3	32.8	15.2	8.1	a
2844	Perfumes, cosmetics, and other toilet preparations.....	113	100.0	28.4	11.8	2.5	1.7	19.0	11.4	25.2	a
28441	Perfumes, cosmetics, and other toilet preparations.....	113	100.0	28.4	11.8	2.5	1.7	19.0	11.4	25.2	a
30	Rubber and miscellaneous plastics products.....	327	100.0	28.9	15.7	10.4	10.7	26.8	4.6	2.9	c
307	Miscellaneous plastic products	55	100.0	35.5	8.3	5.6	3.2	40.4	3.2	3.8	d
3071	Miscellaneous plastic products.....	55	100.0	35.5	8.3	5.6	3.2	40.4	3.2	3.8	d
33	Primary metal products.....	1,011	100.0	27.5	17.1	5.7	6.3	29.5	7.3	6.6	c
3312	Primary iron and steel products (except coke-oven products).....	1	100.0	50.6	17.4	9.6	8.9	10.4	1.9	1.2	d
332	Iron and steel castings.....	89	100.0	39.1	7.3	8.7	2.4	22.5	19.3	.7	d
3321	Iron and steel castings.....	89	100.0	39.1	7.3	8.7	2.4	22.5	19.3	.7	d
33219	Iron and steel castings, n.e.c.....	89	100.0	39.1	7.3	8.7	2.4	22.5	19.3	.7	d
335	Nonferrous metal basic shapes.....	604	100.0	18.2	12.0	4.5	8.2	40.8	9.1	7.2	a
3351	Copper, brass, bronze, and other copper base alloy basic shapes.....	295	100.0	27.5	19.4	4.4	8.6	26.2	10.2	3.7	b
33511	Copper, brass, bronze, and other copper base alloy rods and bars.....	42	100.0	30.4	18.5	5.5	3.1	35.9	6.5	.1	c
33512	Copper, brass, bronze, and other copper base alloy plate, sheet, and strip.....	191	100.0	28.2	20.5	2.8	9.5	23.8	10.1	5.1	c
336	Nonferrous and nonferrous base alloy castings.....	6	100.0	40.7	21.7	2.1	.3	22.1	9.7	3.4	d
34	Fabricated metal products.....	601	100.0	29.7	21.5	6.4	4.5	21.8	10.4	5.7	c
342	Cutlery, hand tools, and general hardware.....	114	100.0	13.6	4.9	8.4	5.7	32.8	15.6	19.0	c
3423	Hand and edge tools (except machine tools and hand saws).....	38	100.0	14.3	2.9	2.3	3.9	18.6	20.3	37.7	d
3429	Miscellaneous hardware.....	50	100.0	10.3	3.9	14.2	6.7	45.1	13.3	4.4	c
34299	Hardware, n.e.c.....	42	100.0	9.1	3.7	16.6	4.5	47.2	14.5	4.4	c

See footnote at end of table.

TABLE 2. Percent Distribution of Commodities, by Distance of Shipment: 1967--Continued

TCC code	Commodity	Number	Percent distribution by distance of shipment								Sampling variability code ¹
			All distances	Under 100 miles	100 to 199 miles	200 to 299 miles	300 to 499 miles	500 to 999 miles	1,000 to 1,499 miles	1,500 miles or over	
	TONS OF SHIPMENT--Continued	(thousands of tons)									
346	Metal stampings.....	50	100.0	29.2	1.9	5.3	5.3	14.2	43.8	0.3	d
3461	Metal stampings.....	50	100.0	29.2	1.9	5.3	5.3	14.2	43.8	.3	d
34619	Metal stampings,n.e.c.....	50	100.0	29.2	1.9	5.3	5.3	14.2	43.8	.3	d
349	Miscellaneous fabricated metal products.	102	100.0	50.2	11.0	4.2	3.8	19.6	6.7	4.5	d
35	Machinery, except electrical.....	239	100.0	22.2	12.5	3.8	12.3	30.2	11.7	7.3	c
354	Metalworking machinery and equipment....	92	100.0	24.7	15.1	3.1	11.6	22.5	13.5	9.5	d
3548	Metalworking machinery (except machine tools).....	21	100.0	48.3	16.9	2.7	6.7	16.4	5.8	3.2	d
35489	Metalworking machinery, except machine tools, n.e.c.....	10	100.0	42.8	5.4	.5	9.0	32.7	5.2	4.4	d
356	General industrial machinery and equipment.....	44	100.0	12.7	8.4	3.2	10.2	52.1	5.4	8.0	c
36	Electrical machinery and equipment.....	149	100.0	22.6	11.7	4.1	10.1	32.6	6.3	12.6	b
361	Electrical transmission and distribution equipment.....	23	100.0	50.1	9.4	3.4	19.7	12.0	2.6	2.8	d
362	Electrical industrial apparatus.....	30	100.0	17.2	10.0	4.3	5.0	42.1	9.5	11.9	c
3622	Industrial controls and parts.....	1	100.0	22.3	2.9	2.7	10.4	41.9	1.2	18.6	d
36221	Industrial controls and parts.....	1	100.0	22.3	2.9	2.7	10.4	41.9	1.2	18.6	d
363	Household appliances.....	48	100.0	13.4	12.5	1.5	12.3	33.1	5.8	21.4	d
364	Electric lighting and wiring equipment..	29	100.0	17.1	14.4	3.9	8.3	45.4	5.5	5.4	d
3643	Current carrying wiring devices (including lightning rods).....	26	100.0	17.0	15.1	3.8	7.5	46.7	5.7	4.2	d
367	Electronic components or accessories....	12	100.0	29.3	11.7	12.4	2.9	25.9	5.2	11.1	c
3679	Miscellaneous electronic components and accessories.....	12	100.0	30.1	11.8	12.9	3.0	25.9	5.2	11.1	c
36791	Miscellaneous electronic components and accessories.....	12	100.0	30.1	11.8	12.9	3.0	25.9	5.2	11.1	c
37	Transportation equipment.....	58	100.0	20.2	20.8	9.1	5.7	22.1	12.3	9.8	c
371	Motor vehicles and motor vehicle equipment.....	9	100.0	11.3	51.9	1.2	.1	15.6	1.5	18.4	d
38	Instruments, photographic goods, optical goods, watches, and clocks.....	41	100.0	29.2	25.7	10.8	9.2	8.5	11.2	5.4	d
39	Miscellaneous products of manufacturing.	74	100.0	15.3	7.7	5.8	4.3	20.3	13.8	32.8	d
	TON-MILES OF SHIPMENTS	(millions of ton-miles)									
	Production Area 02, total.....	2,208	100.0	4.3	5.5	3.6	5.4	36.7	17.5	27.0	-
20	Food and kindred products.....	48	100.0	32.3	13.4	5.0	7.4	27.7	13.0	1.2	-
22	Basic textiles.....	12	100.0	2.9	4.8	1.2	3.9	51.4	7.3	28.5	-
26	Pulp, paper, and allied products.....	270	100.0	7.5	10.6	7.5	5.8	33.2	21.2	14.2	-
262	Paper (except building paper).....	62	100.0	2.8	8.9	1.5	5.8	38.6	24.1	18.3	-
2621	Paper (except building paper).....	62	100.0	2.8	8.9	1.5	5.8	38.6	24.1	18.3	-
263	Paperboard, fiberboard, and pulpboard (except insulating board).....	56	100.0	10.0	14.9	11.4	5.6	41.8	4.8	11.5	-
2631	Paperboard, fiberboard, and pulpboard (except insulating board).....	56	100.0	10.0	14.9	11.4	5.6	41.8	4.8	11.5	-
26311	Paperboard, fiberboard, and pulpboard (except insulating board).....	56	100.0	10.0	14.9	11.4	5.6	41.8	4.8	11.5	-

See footnote at end of table.

TABLE 2. Percent Distribution of Commodities, by Distance of Shipment: 1967--Continued

TCC code	Commodity	Number	Percent distribution by distance of shipment								Sampling variability code ¹
			All distances	Under 100 miles	100 to 199 miles	200 to 299 miles	300 to 499 miles	500 to 999 miles	1,000 to 1,499 miles	1,500 miles or over	
	TON-MILES OF SHIPMENT--Continued	(millions of ton-miles)									
28	Chemicals and allied products.....	322	100.0	4.4	5.9	3.0	5.0	36.1	14.8	30.8	-
281	Industrial chemicals.....	20	100.0	1.8	1.8	.8	8.6	8.5	70.2	8.3	-
282	Plastic materials and plasticizers, synthetic resins, rubbers, and fibers	124	100.0	7.6	9.7	4.4	5.6	59.5	1.3	11.9	-
2821	Plastic materials and plasticizers, synthetic resins, rubbers, and fibers	124	100.0	7.6	9.7	4.4	5.6	59.5	1.3	11.9	-
284	Soap and detergents, cleaning preparations, perfumes, cosmetics, and other toilet preparations.....	155	100.0	1.8	3.0	1.3	2.5	21.8	16.9	52.7	-
2842	Specialty cleaning, polishing, and sanitation preparations (except soap and detergents).....	33	100.0	.4	3.8	2.9	4.1	35.3	27.4	26.1	-
2844	Perfumes, cosmetics, and other toilet preparations.....	108	100.0	1.9	1.6	.6	.6	15.2	15.3	64.8	-
28441	Perfumes, cosmetics, and other toilet preparations.....	108	100.0	1.9	1.6	.6	.6	15.2	15.3	64.8	-
30	Rubber and miscellaneous plastics products.....	143	100.0	3.6	4.8	6.0	9.4	46.5	13.9	15.8	-
307	Miscellaneous plastic products.....	26	100.0	4.3	2.2	3.1	2.5	60.3	8.6	19.0	-
3071	Miscellaneous plastic products.....	26	100.0	4.3	2.2	3.1	2.5	60.3	8.6	19.0	-
33	Primary metal products.....	567	100.0	2.6	4.1	2.6	4.4	40.5	15.9	29.9	-
3312	Primary iron and steel products (except coke-oven products).....	-	-	-	-	-	-	-	-	-	-
332	Iron and steel castings.....	43	100.0	4.5	2.1	4.9	2.0	35.6	47.3	3.6	-
3321	Iron and steel castings.....	43	100.0	4.5	2.1	4.9	2.0	35.6	47.3	3.6	-
33219	Iron and steel castings, n.e.c.....	43	100.0	4.5	2.1	4.9	2.0	35.6	47.3	3.6	-
335	Nonferrous metal basic shapes.....	410	100.0	1.5	2.4	1.5	4.7	46.6	16.5	26.8	-
3351	Copper, brass, bronze, and other copper base alloy basic shapes.....	145	100.0	3.2	5.2	2.1	6.2	40.3	24.1	18.9	-
33511	Copper, brass, bronze, and other copper base alloy rods and bars.....	17	100.0	3.9	5.5	3.3	2.7	65.0	18.8	.8	-
33512	Copper, brass, bronze, and other copper base alloy plate, sheet, and strip.....	95	100.0	3.2	5.5	1.3	6.7	34.5	22.4	26.4	-
336	Nonferrous and nonferrous base alloy castings.....	2	100.0	4.3	9.5	1.5	.3	36.1	30.7	17.6	-
34	Fabricated metal products.....	296	100.0	2.9	5.4	3.1	3.6	32.4	24.6	28.0	-
342	Cutlery, hand tools, and general hardware.....	109	100.0	.9	.7	2.1	2.3	24.9	19.5	49.6	-
3423	Hand and edge tools (except machine tools and hand saws).....	52	100.0	.7	.3	.4	1.1	9.3	17.4	70.8	-
3429	Miscellaneous hardware.....	36	100.0	.9	.7	4.7	3.7	46.8	22.1	21.1	-
34299	Hardware, n.e.c.....	29	100.0	.8	.7	5.7	2.6	51.0	24.9	14.3	-
346	Metal stampings.....	32	100.0	2.0	.4	1.8	3.5	15.5	75.6	1.2	-
3461	Metal stampings.....	32	100.0	2.0	.4	1.8	3.5	15.5	75.6	1.2	-
34619	Metal stampings, n.e.c.....	32	100.0	2.0	.4	1.9	3.5	15.5	75.6	1.1	-
349	Miscellaneous fabricated metal products.....	39	100.0	5.1	3.9	2.7	3.8	36.3	21.8	26.4	-
35	Machinery, except electrical.....	146	100.0	2.3	2.7	1.5	7.4	35.6	22.8	27.7	-
354	Metalworking machinery and equipment..	58	100.0	2.5	3.4	1.1	6.4	24.7	26.4	35.5	-
3548	Metalworking machinery (except machine tools).....	7	100.0	10.3	6.7	1.7	8.4	30.7	21.8	20.4	-
35489	Metalworking machinery, except machine tools, n.e.c.....	4	100.0	6.6	1.6	.2	8.4	48.7	13.3	21.2	-

See footnote at end of table.

TABLE 2. Percent Distribution of Commodities, by Distance of Shipment: 1967--Continued

TCC code	Commodity	Number	Percent distribution by distance of shipment								Sampling vari- ability code ¹
			All dis- tances	Under 100 miles	100 to 199 miles	200 to 299 miles	300 to 499 miles	500 to 999 miles	1,000 to 1,499 miles	1,500 miles or over	
	TON-MILES OF SHIPMENT--Continued	(millions of ton-miles)									
356	General industrial machinery and equipment.....	30	100.0	1.1	1.8	1.1	6.1	55.2	9.5	25.2	-
36	Electrical machinery and equipment....	105	100.0	2.0	2.3	1.4	6.0	34.0	10.9	43.4	-
361	Electrical transmission and distribu- tion equipment.....	8	100.0	13.1	4.1	2.4	26.7	27.1	9.0	17.6	-
362	Electrical industrial apparatus.....	22	100.0	1.3	2.0	1.4	2.4	41.0	15.1	36.8	-
3622	Industrial controls and parts.....	-	-	-	-	-	-	-	-	-	-
36221	Industrial controls and parts.....	-	-	-	-	-	-	-	-	-	-
363	Household appliances.....	46	100.0	.5	1.6	.4	5.5	26.1	7.9	58.0	-
364	Electric lighting and wiring equipment	17	100.0	1.7	3.7	1.7	5.7	54.9	10.9	21.4	-
3643	Current carrying wiring devices (in- cluding lightning rods).....	15	100.0	1.8	4.1	1.7	5.3	58.6	12.0	16.5	-
367	Electronic components or accessories..	7	100.0	2.9	3.0	4.5	1.7	32.8	11.0	44.1	-
3679	Miscellaneous electronic components and accessories.....	7	100.0	3.2	3.2	4.9	1.8	35.1	11.2	40.6	-
36791	Miscellaneous electronic components and accessories.....	7	100.0	3.2	3.2	4.9	1.8	35.1	11.2	40.6	-
37	Transportation equipment.....	36	100.0	2.2	4.8	3.4	3.4	27.4	22.7	36.1	-
371	Motor vehicles and motor vehicle equipment.....	6	100.0	.8	10.4	.4	.1	18.4	2.5	67.4	-
38	Instruments, photographic goods, optical goods, watches, and clocks...	18	100.0	4.2	8.2	6.7	7.8	14.7	30.4	28.0	-
39	Miscellaneous products of manufac- turing.....	74	100.0	1.0	1.0	1.5	1.7	15.1	16.8	62.9	-

¹Code letter indicates a sampling variability range as follows: a, 0-9 percent; b, 10-19 percent; c, 20-29 percent; and d, 30-50 percent. The variability for ton-miles has not been estimated.

TABLE 3. Percent Distribution of Commodities, by Geographic Division of Destination: 1967

TCC code	Commodity	Number	Percent distribution by geographic division ¹ of destination										Sampling variability code ³
			All means of transport	New England	Middle Atlantic	East North Central	West North Central	South Atlantic	East South Central	West South Central	Mountain	Pacific ²	
	TONS OF SHIPMENTS	(thous. of tons)											
	Production Area 02, total.....	4,866	100.0	27.4	33.6	15.5	4.4	7.8	3.2	3.7	0.4	4.0	-
20	Food and kindred products.....	353	100.0	34.3	56.6	3.8	-	3.8	.7	.8	-	-	d
22	Basic textiles.....	23	100.0	19.2	27.5	10.0	2.7	32.1	1.7	.9	1.3	4.6	b
26	Pulp, paper, and allied products.....	851	100.0	28.4	46.5	7.7	3.8	8.4	1.8	1.7	.1	1.6	c
28	Chemicals and allied products.....	699	100.0	28.8	34.4	12.2	1.7	8.4	5.2	3.6	.4	5.3	b
30	Rubber and miscellaneous plastics products.....	327	100.0	23.1	32.9	23.4	3.0	10.2	1.2	3.6	.2	2.4	c
33	Primary metal products.....	1,011	100.0	24.1	27.3	21.8	8.3	5.2	2.8	4.0	.1	6.4	c
34	Fabricated metal products.....	601	100.0	38.3	19.5	13.1	6.5	8.0	6.2	3.2	.6	4.6	c
35	Machinery, except electrical.....	239	100.0	20.2	24.3	23.0	5.8	12.4	2.3	5.6	1.3	5.1	c
36	Electrical machinery and equipment.....	149	100.0	5.8	33.6	22.9	4.6	9.1	8.8	4.3	2.1	8.8	b
37	Transportation equipment.....	58	100.0	21.8	27.4	10.5	3.8	25.1	-	3.7	.2	7.5	c
38	Instruments, photographic goods, optical goods, watches, and clocks....	41	100.0	8.4	51.3	6.5	4.4	20.6	1.7	3.1	.4	3.6	d
39	Miscellaneous products of manufacturing	74	100.0	8.5	19.4	11.4	6.3	10.7	6.1	25.7	2.1	9.8	d
	TON-MILES OF SHIPMENTS	(millions of ton-miles)											
	Production Area 02, total.....	2,208	100.0	4.1	10.8	23.3	9.9	10.3	6.1	11.4	1.7	22.4	-
20	Food and kindred products.....	48	100.0	14.6	36.6	23.4	-	11.5	4.9	9.0	-	-	-
22	Basic textiles.....	12	100.0	2.4	6.7	13.1	5.9	38.6	2.9	2.4	5.4	22.6	-
26	Pulp, paper, and allied products.....	270	100.0	6.0	21.7	17.1	12.9	16.5	5.3	7.1	.8	12.6	-
28	Chemicals and allied products.....	322	100.0	4.2	11.9	18.2	3.7	11.7	9.3	10.5	1.5	29.0	-
30	Rubber and miscellaneous plastics products.....	143	100.0	3.9	12.0	37.3	6.7	11.5	2.2	11.9	.7	13.8	-
33	Primary metal products.....	567	100.0	2.6	7.4	26.9	14.3	5.1	4.4	9.4	.4	29.5	-
34	Fabricated metal products.....	296	100.0	6.6	5.2	17.4	14.6	9.6	11.4	8.7	2.4	24.1	-
35	Machinery, except electrical.....	146	100.0	2.6	7.4	24.6	10.3	14.6	3.0	12.6	3.9	21.0	-
36	Electrical machinery and equipment.....	105	100.0	.7	5.8	20.8	6.7	8.2	9.5	9.3	5.7	33.3	-
37	Transportation equipment.....	36	100.0	3.1	7.2	11.0	6.5	32.1	-	9.1	.8	30.2	-
38	Instruments, photographic goods, optical goods, watches, and clocks....	18	100.0	1.8	14.0	10.0	11.6	25.8	3.4	10.7	1.8	20.9	-
39	Miscellaneous products of manufacturing	74	100.0	.7	2.7	7.5	6.8	6.8	5.8	38.6	3.9	27.2	-

¹States included in the geographic divisions are as follows: NEW ENGLAND--Maine, New Hampshire, Vermont, Massachusetts, Rhode Island, and Connecticut; MIDDLE ATLANTIC--New York, New Jersey, and Pennsylvania; EAST NORTH CENTRAL--Ohio, Indiana, Illinois, Michigan, and Wisconsin; WEST NORTH CENTRAL--Minnesota, Iowa, Missouri, North Dakota, South Dakota, Nebraska, and Kansas; SOUTH ATLANTIC--Delaware, Maryland, District of Columbia, Virginia, West Virginia, North Carolina, South Carolina, Georgia, and Florida; EAST SOUTH CENTRAL--Kentucky, Tennessee, Alabama, and Mississippi; WEST SOUTH CENTRAL--Arkansas, Louisiana, Oklahoma, and Texas; MOUNTAIN--Montana, Idaho, Wyoming, Colorado, New Mexico, Arizona, Utah, and Nevada; PACIFIC--Washington, Oregon, California, Alaska, and Hawaii.

²Shipments to Alaska and Hawaii from the 48 conterminous States and the District of Columbia are included; no data were obtained for shipments originating in Alaska and Hawaii.

³Code letter indicates a sampling variability range as follows: a, 0-9 percent; b, 10-19 percent; c, 20-29 percent; and d, 30-50 percent. The variability for ton-miles has not been estimated.

TABLE 4. Percent Distribution of Commodities, by Production Area of Destination: 1967

TCC code	Commodity	Number	Percent distribution by production area ¹ of destination							
			Total	1 (BOST)	2 ² (HART)	3 (NYNY)	4 (N. NJ)	5 (PHIL)	6 (BALT)	7 (ALLN)
	TONS OF SHIPMENTS	(thousands of tons)								
	Production Area 02, total.....	4,866	100.0	10.7	8.0	10.7	7.2	4.4	0.8	0.5
20	Food and kindred products.....	353	100.0	6.8	15.4	22.8	24.2	.6	.3	.1
22	Basic textiles.....	23	100.0	5.6	9.8	12.5	5.6	1.2	.6	1.4
26	Pulp, paper, and allied products.....	851	100.0	12.2	5.9	14.8	9.0	5.7	.7	.6
262	Paper (except building paper).....	132	100.0	11.4	4.1	14.0	12.1	1.2	.4	.1
2621	Paper (except building paper).....	132	100.0	11.4	4.1	14.0	12.1	1.2	.4	.1
263	Paperboard, fiberboard, and pulpboard (except insulating board).....	212	100.0	21.3	3.0	14.5	7.3	8.6	.5	2.1
2631	Paperboard, fiberboard, and pulpboard (except insulating board).....	212	100.0	21.3	3.0	14.5	7.3	8.6	.5	2.1
26311	Paperboard, fiberboard, and pulpboard (except insulating board).....	212	100.0	21.3	3.0	14.5	7.3	8.6	.5	2.1
28	Chemicals and allied products.....	699	100.0	8.2	8.1	3.7	12.7	4.4	.6	.5
281	Industrial chemicals.....	28	100.0	3.6	3.5	5.1	5.5	4.6	2.1	.2
282	Plastic materials and plasticizers, synthetic resins, rubbers, and fibers.	392	100.0	9.1	7.7	3.4	16.2	4.7	.3	.7
2821	Plastic materials, and plasticizers, synthetic resins, rubbers, and fibers.	392	100.0	9.1	7.7	3.4	16.2	4.7	.3	.7
284	Soap and detergents, cleaning prepara- tions, perfumes, cosmetics, and other toilet preparations.....	200	100.0	6.8	7.6	4.6	10.7	4.8	.7	.1
2842	Specialty cleaning, polishing, and sanitation preparations (except soap and detergents).....	47	100.0	1.4	6.4	1.2	.3	13.7	2.3	.4
2844	Perfumes, cosmetics, and other toilet preparations.....	113	100.0	6.1	9.6	3.7	14.6	2.0	-	-
28441	Perfumes, cosmetics, and other toilet preparations.....	113	100.0	6.1	9.6	3.7	14.6	2.0	-	-
30	Rubber and miscellaneous plastics products.....	327	100.0	8.6	5.8	12.4	4.4	7.2	.6	.5
307	Miscellaneous plastic products.....	55	100.0	4.5	3.9	16.9	8.7	1.3	.4	.1
3071	Miscellaneous plastic products.....	55	100.0	4.5	3.9	16.9	8.7	1.3	.4	.1
33	Primary metal products.....	1,011	100.0	10.8	9.0	11.1	2.8	4.0	1.2	.6
3312	Primary iron and steel products (except coke-oven products).....	1	100.0	.6	3.2	39.9	6.6	9.3	-	-
332	Iron and steel castings.....	89	100.0	12.1	19.7	3.7	1.8	.7	6.1	.1
3321	Iron and steel castings.....	89	100.0	12.1	19.7	3.7	1.8	.7	6.1	.1
33219	Iron and steel castings, n.e.c.....	89	100.0	12.1	19.7	3.7	1.8	.7	6.1	.1
335	Nonferrous metal basic shapes.....	604	100.0	7.3	5.3	4.8	2.6	3.8	.5	.9
3351	Copper, brass, bronze, and other copper base alloy basic shapes.....	295	100.0	13.6	7.9	7.8	4.4	5.4	1.0	1.7
33511	Copper, brass, bronze, and other copper base alloy rods and bars.....	42	100.0	15.1	8.4	11.3	5.8	1.9	5.1	-
33512	Copper, brass, bronze, and other copper base alloy plate, sheet, and strip.....	191	100.0	14.0	7.4	8.5	4.5	4.5	-	2.6
336	Nonferrous and nonferrous base alloy castings.....	6	100.0	8.8	27.2	3.7	.3	-	1.5	-
34	Fabricated metal products.....	601	100.0	16.7	11.9	8.8	1.5	3.6	.6	.1
342	Cutlery, hand tools, and general hardware.....	114	100.0	3.8	1.5	7.7	1.6	1.8	.6	.1
3423	Hand and edge tools (except machine tools and hand saws).....	38	100.0	1.2	.5	11.5	1.8	.7	.4	.1
3429	Miscellaneous hardware.....	50	100.0	5.4	1.6	1.8	1.7	1.1	.6	-
34299	Hardware, n.e.c.....	42	100.0	4.1	1.4	1.9	1.9	.7	.5	.1

See footnotes at end of table.

TABLE 4. Percent Distribution of Commodities, by Production Area of Destination: 1967--Continued

TCC code	Commodity	Percent distribution by production area ¹ of destination--Continued									
		8 (HARR)	9 (SYRA)	10 (BUFF)	11 (CLEV)	12 (PITT)	13 (DETR)	14 (CINC)	15 (CHIC)	16 (MILW)	17 (M-SP)
	TONS OF SHIPMENT--Continued										
	Production Area 02, total.....	1.2	1.8	2.2	1.5	1.0	1.6	1.2	5.1	0.6	0.6
20	Food and kindred products.....	-	4.6	.8	-	.6	.6	-	-	-	-
22	Basic textiles.....	.1	-	.4	.3	.1	1.3	2.4	3.0	.1	.1
26	Pulp, paper, and allied products.....	2.0	1.2	2.7	.6	1.2	1.0	.2	3.5	.1	.7
262	Paper (except building paper).....	.3	3.2	2.2	2.3	1.5	2.9	.8	8.6	.5	.8
2621	Paper (except building paper).....	.3	3.2	2.2	2.3	1.5	2.9	.8	8.6	.5	.8
263	Paperboard, fiberboard, and pulpboard (except insulating board).....	.9	.9	3.5	.1	2.1	.2	-	6.4	-	-
2631	Paperboard, fiberboard, and pulpboard (except insulating board).....	.9	.9	3.5	.1	2.1	.2	-	6.4	-	-
26311	Paperboard, fiberboard, and pulpboard (except insulating board).....	.9	.9	3.5	.1	2.1	.2	-	6.4	-	-
28	Chemicals and allied products.....	.8	1.9	3.0	.6	1.1	1.6	.3	6.4	-	.2
281	Industrial chemicals.....	-	1.5	.4	1.6	-	4.6	.5	.5	-	-
282	Plastic materials and plasticizers, synthetic resins, rubbers, and fibers	-	1.0	2.7	.7	1.0	2.2	-	8.5	-	.3
2821	Plastic materials and plasticizers, synthetic resins, rubbers, and fibers	-	1.0	2.7	.7	1.0	2.2	-	8.5	-	.3
284	Soap and detergents, cleaning prepara- tions, perfumes, cosmetics, and other toilet preparations.....	1.1	2.4	.9	.3	2.0	.4	.8	5.2	-	.3
2842	Specialty cleaning, polishing, and sanitation preparations (except soap and detergents).....	4.5	3.1	.9	.2	.2	-	.7	5.9	-	-
2844	Perfumes, cosmetics, and other toilet preparations.....	-	.2	1.1	.4	.1	.8	1.1	6.1	.1	.5
28441	Perfumes, cosmetics, and other toilet preparations.....	-	.2	1.1	.4	.1	.8	1.1	6.1	.1	.5
30	Rubber and miscellaneous plastics products.....	.4	.3	3.1	4.2	1.6	4.2	.8	3.2	.9	1.0
307	Miscellaneous plastic products.....	.1	1.4	3.2	.4	.1	2.5	2.7	18.1	2.6	.1
3071	Miscellaneous plastic products.....	.1	1.4	3.2	.4	.1	2.5	2.7	18.1	2.6	.1
33	Primary metal products.....	1.8	1.5	1.8	2.5	.6	.9	.4	11.3	1.0	.7
3312	Primary iron and steel products (except coke-oven products).....	-	-	5.1	3.4	.3	.1	1.5	1.8	-	-
332	Iron and steel castings.....	.6	2.0	.3	.8	.9	.2	.1	1.5	-	.1
3321	Iron and steel castings.....	.6	2.0	.3	.8	.9	.2	.1	1.5	-	.1
33219	Iron and steel castings, n.e.c.....	.6	2.0	.3	.8	.9	.2	.1	1.5	-	.1
335	Nonferrous metal basic shapes.....	.9	2.2	2.5	3.2	.7	1.1	.6	18.4	1.6	1.1
3351	Copper, brass, bronze, and other copper base alloy basic shapes.....	1.4	1.0	4.2	1.8	1.0	.5	.6	9.5	3.2	1.7
33511	Copper, brass, bronze, and other copper base alloy rods and bars.....	-	-	2.1	-	-	.6	.3	20.7	2.4	-
33512	Copper, brass, bronze, and other copper base alloy plate, sheet, and strip.....	1.9	1.2	5.5	2.0	.3	.5	.8	9.4	4.0	2.7
336	Nonferrous and nonferrous base alloy castings.....	-	-	.3	.3	-	-	-	.2	-	-
34	Fabricated metal products.....	.7	1.5	1.3	1.4	.8	2.2	1.3	2.3	.9	1.1
342	Cutlery, hand tools, and general hardware.....	2.6	2.4	1.3	1.6	.5	4.6	.6	7.8	.1	.9
3423	Hand and edge tools (except machine tools and hand saws).....	-	.6	1.9	1.1	.3	3.4	.4	5.5	-	.3
3429	Miscellaneous hardware.....	5.7	4.5	1.2	1.1	.7	5.2	.7	9.5	.1	1.5
34299	Hardware, n.e.c.....	6.8	5.4	1.2	.6	.2	5.7	.2	10.9	-	1.6

See footnotes at end of table.

TABLE 4. Percent Distribution of Commodities, by Production Area of Destination: 1967--Continued

TCC code	Commodity	Percent distribution by production area ¹ of destination--Continued									Sampling variability code ³
		18 (STLO)	19 (ATLA)	20 (DALL)	21 (HOUS)	22 (DENV)	23 (SETL)	24 (SANF)	25 (LOSA)	All other	
	TONS OF SHIPMENTS--Continued										
	Production Area 02, total.....	2.3	0.9	0.7	0.7	0.1	0.5	1.3	1.5	32.9	-
20	Food and kindred products.....	-	-	.7	.1	-	-	-	-	22.4	d
22	Basic textiles.....	.9	.2	.3	.1	.2	-	1.0	2.8	50.0	b
26	Pulp, paper, and allied products.....	.5	.3	.2	.1	-	.2	.4	1.0	35.2	c
262	Paper (except building paper).....	.8	.1	.6	.3	.2	.6	.5	1.5	29.0	d
2621	Paper (except building paper).....	.8	.1	.6	.3	.2	.6	.5	1.5	29.0	d
263	Paperboard, fiberboard, and pulpboard (except insulating board).....	1.2	.2	.1	-	-	-	.9	.2	26.0	d
2631	Paperboard, fiberboard, and pulpboard (except insulating board).....	1.2	.2	.1	-	-	-	.9	.2	26.0	d
26311	Paperboard, fiberboard, and pulpboard (except insulating board).....	1.2	.2	.1	-	-	-	.9	.2	26.0	d
28	Chemicals and allied products.....	.6	1.5	1.4	.1	.4	.2	.6	3.5	37.6	b
281	Industrial chemicals.....	1.5	-	-	.8	-	-	-	2.0	62.0	c
282	Plastic materials, and plasticizers, synthetic resins, rubbers, and fibers..	-	.9	.1	-	-	-	-	1.4	39.1	b
2821	Plastic materials and plasticizers, synthetic resins, rubbers, and fibers..	-	.9	.1	-	-	-	-	1.4	39.1	b
284	Soap and detergents, cleaning preparations, perfumes, cosmetics, and other toilet preparations.....	2.0	3.3	4.8	.1	1.4	.4	2.1	9.3	27.9	a
2842	Specialty cleaning, polishing, and sanitation preparations (except soap and detergents).....	5.1	4.5	7.7	-	2.1	1.6	-	4.4	33.4	a
2844	Perfumes, cosmetics, and other toilet preparations.....	1.3	3.9	5.3	.2	1.6	-	3.7	14.2	23.4	a
28441	Perfumes, cosmetics, and other toilet preparations.....	1.3	3.9	5.3	.2	1.6	-	3.7	14.2	23.4	a
30	Rubber and miscellaneous plastics products.....	1.0	2.4	3.0	-	-	-	.2	2.1	32.1	c
307	Miscellaneous plastic products.....	.5	.4	.8	-	.2	-	.8	2.2	28.1	d
3071	Miscellaneous plastic products.....	.5	.4	.8	-	.2	-	.8	2.2	28.1	d
33	Primary metal products.....	6.1	.3	.3	1.0	-	2.0	2.7	.7	24.9	c
3312	Primary iron and steel products (except coke-oven products).....	-	-	-	-	.3	-	-	.7	27.2	d
332	Iron and steel castings.....	2.3	.7	.2	-	-	-	-	.3	45.8	d
3321	Iron and steel castings.....	2.3	.7	.2	-	-	-	-	.3	45.8	d
33219	Iron and steel castings, n.e.c.....	2.3	.7	.2	-	-	-	-	.3	45.8	d
335	Nonferrous metal basic shapes.....	9.9	.5	.5	1.7	-	3.3	1.3	.7	24.6	a
3351	Copper, brass, bronze, and other copper base alloy basic shapes.....	.4	.4	.2	.8	-	-	2.3	1.2	28.0	b
33511	Copper, brass, bronze, and other copper base alloy rods and bars.....	1.2	.4	.8	-	-	-	-	-	23.9	c
33512	Copper, brass, bronze, and other copper base alloy plate, sheet, and strip.....	.1	.2	-	-	-	-	3.4	1.7	24.8	c
336	Nonferrous and nonferrous base alloy castings.....	-	-	-	-	-	.9	-	-	56.8	d
34	Fabricated metal products.....	.5	1.5	.6	.3	.1	.2	2.7	1.2	36.2	c
342	Cutlery, hand tools, and general hardware.....	1.0	6.9	2.8	.5	.3	.1	12.1	3.6	33.2	c
3423	Hand and edge tools (except machine tools and hand saws).....	.8	1.0	5.9	.2	.1	.1	32.3	3.8	26.1	d
3429	Miscellaneous hardware.....	1.5	14.6	1.4	.2	.5	-	.5	3.3	35.6	c
34299	Hardware, n.e.c.....	.1	17.2	1.1	.1	.4	.1	.2	1.6	36.0	c

See footnotes at end of table.

TABLE 4. Percent Distribution of Commodities, by Production Area of Destination: 1967 --Continued

TCC code	Commodity	Number	Percent distribution by production area ¹ of destination							
			Total	1 (BOST)	2 ² (HART)	3 (NYNY)	4 (N. NJ)	5 (PHIL)	6 (BALT)	7 (ALLN)
	TONS OF SHIPMENTS--Continued	(thousands of tons)								
346	Metal stampings.....	50	100.0	1.3	13.8	3.0	0.7	2.5	0.3	-
3461	Metal stampings.....	50	100.0	1.3	13.8	3.0	.7	2.5	.3	-
34619	Metal stampings, n.e.c.....	50	100.0	1.3	13.9	3.0	.7	2.5	.3	-
349	Miscellaneous fabricated metal products.....	102	100.0	4.2	11.6	24.0	3.5	1.2	.6	0.2
35	Machinery, except electrical.....	239	100.0	10.2	4.5	8.1	2.0	2.8	.3	.1
354	Metalworking machinery and equipment...	92	100.0	15.6	5.9	4.2	3.7	4.2	.3	-
3548	Metalworking machinery (except machine tools).....	21	100.0	43.2	.1	1.1	2.2	15.2	-	-
35489	Metalworking machinery, except machine tools, n.e.c.....	10	100.0	36.2	.1	2.3	4.0	2.7	-	-
356	General industrial machinery and equipment.....	44	100.0	3.8	4.5	3.5	1.5	3.5	.2	.3
36	Electrical machinery and equipment.....	149	100.0	2.9	2.1	8.0	10.9	3.4	.6	.4
361	Electrical transmission and distribu- tion equipment.....	23	100.0	2.4	2.7	6.8	41.6	1.2	.3	-
362	Electrical industrial apparatus.....	30	100.0	1.8	2.3	4.9	7.8	5.2	1.3	1.2
3622	Industrial controls and parts.....	1	100.0	-	2.1	3.6	9.4	-	-	-
36221	Industrial controls and parts.....	1	100.0	-	2.1	3.6	9.4	-	-	-
363	Household appliances.....	48	100.0	3.6	.4	9.9	3.4	1.4	.5	.1
364	Electric lighting and wiring equipment.	29	100.0	3.7	4.5	5.3	4.6	4.3	.5	.6
3643	Current carrying wiring devices (in- cluding lightning rods).....	26	100.0	3.7	4.7	5.4	4.8	4.4	.2	.7
367	Electronic components or accessories...	12	100.0	2.5	2.5	10.8	3.3	5.6	.2	.1
3679	Miscellaneous electronic components and accessories.....	12	100.0	2.5	2.5	11.1	3.4	5.6	.2	.1
36791	Miscellaneous electronic components and accessories.....	12	100.0	2.5	2.5	11.1	3.4	5.6	.2	.1
37	Transportation equipment.....	58	100.0	8.1	4.1	4.3	2.8	9.8	1.3	.1
371	Motor vehicles and motor vehicle equipment.....	9	100.0	30.7	2.9	1.8	6.4	20.7	1.0	-
38	Instruments, photographic goods, optical goods, watches, and clocks....	41	100.0	5.2	2.3	19.8	9.2	10.4	.5	4.1
39	Miscellaneous products of manufacturing	74	100.0	4.4	2.6	9.0	3.4	1.9	.6	.1
	TON-MILES OF SHIPMENTS	(millions of ton-miles)								
	Production Area 02, total.....	2,208	100.0	2.1	.6	1.9	1.5	1.6	.4	.2
20	Food and kindred products.....	48	100.0	3.9	4.8	10.9	12.6	.7	.5	.1
22	Basic textiles.....	12	100.0	.8	.9	2.3	1.0	.4	.3	.5
26	Pulp, paper, and allied products.....	270	100.0	3.2	.5	4.5	2.9	3.3	.6	.3
262	Paper (except building paper).....	62	100.0	1.9	.3	3.6	3.3	.5	.3	-
2621	Paper (except building paper).....	62	100.0	1.9	.3	3.6	3.3	.5	.3	-
263	Paperboard, fiberboard, and pulpboard, (except insulating board).....	56	100.0	7.5	.6	5.5	3.2	6.1	.5	1.3
2631	Paperboard, fiberboard, and pulpboard (except insulating board).....	56	100.0	7.5	.6	5.5	3.2	6.1	.5	1.3
26311	Paperboard, fiberboard, and pulpboard (except insulating board).....	56	100.0	7.5	.6	5.5	3.2	6.1	.5	1.3

See footnotes at end of table.

TABLE 4. Percent Distribution of Commodities, by Production Area of Destination: 1967--Continued

TCC code	Commodity	Percent distribution by production area ¹ of destination--Continued									
		8 (HARR)	9 (SYRA)	10 (BUFF)	11 (CLEV)	12 (PITT)	13 (DETR)	14 (CINC)	15 (CHIC)	16 (MILW)	17 (M-SP)
	TONS OF SHIPMENT--Continued										
346	Metal stampings.....	0.6	0.1	0.9	0.1	.1	0.7	0.3	1.4	0.1	5.2
3461	Metal stampings.....	.6	.1	1.8	.9	.1	.7	.3	1.4	.1	5.2
34619	Metal stampings, n.e.c.....	.6	.1	1.8	.9	.1	.7	.3	1.4	.1	5.2
349	Miscellaneous fabricated metal products.....	.7	.4	.8	.5	1.5	.8	6.2	2.4	.3	.5
35	Machinery, except electrical.....	.5	.3	4.1	2.5	.8	2.9	2.5	4.7	1.0	.5
354	Metalworking machinery and equipment..	.5	-	7.8	2.8	.5	2.6	3.0	3.2	2.2	.5
3548	Metalworking machinery (except machine tools).....	-	.1	2.4	3.4	.1	2.4	2.2	2.7	.2	.9
35489	Metalworking machinery, except machine tools.....	-	.3	-	7.3	.3	5.0	4.7	5.7	.5	1.8
356	General industrial machinery and equipment.....	.3	.6	2.6	4.7	1.4	5.3	4.9	6.5	.5	.7
36	Electrical machinery and equipment....	.8	4.3	1.5	3.8	.4	2.5	2.1	7.4	.8	.5
361	Electrical transmission and distribu-	.7	3.4	1.0	18.1	.3	.3	1.8	4.7	.2	.5
362	tion equipment.....	.7	3.4	1.0	18.1	.3	.3	1.8	4.7	.2	.5
362	Electrical industrial apparatus.....	1.5	.7	2.2	.2	.5	.8	.7	19.0	2.3	.7
3622	Industrial controls and parts.....	-	-	.6	9.8	-	31.3	-	1.4	-	-
36221	Industrial controls and parts.....	-	-	.6	9.8	-	31.3	-	1.4	-	-
363	Household appliances.....	.6	5.8	.6	.7	.2	6.4	5.2	2.8	.4	.5
364	Electric lighting and wiring equipment	.7	5.3	2.1	3.6	.8	1.0	.2	3.6	.9	.4
3643	Current carrying wiring devices (in- cluding lightning rods).....	.8	5.7	2.0	4.0	.9	1.1	.2	3.0	.9	.4
367	Electronic components or accessories..	.1	8.5	1.6	.7	.1	.2	.4	10.6	.3	.3
3679	Miscellaneous electronic components and accessories.....	.1	8.8	1.6	.7	.1	.2	.2	10.9	.1	.3
36791	Miscellaneous electronic components and accessories.....	.1	8.8	1.6	.7	.1	.2	.2	10.9	.1	.3
37	Transportation equipment.....	4.0	.9	2.0	.5	-	2.1	.7	1.7	1.3	2.6
371	Motor vehicles and motor vehicle equipment.....	.2	-	-	-	.1	.5	-	10.5	-	.8
38	Instruments, photographic goods, optical goods, watches, and clocks...	.1	.5	1.4	.8	3.1	.5	.6	2.4	.1	.6
39	Miscellaneous product of manu- facturing.....	.6	.6	1.8	1.3	1.1	1.7	1.6	2.6	.3	1.6
	TON-MILES OF SHIPMENTS										
	Production Area 02, total.....	.7	.7	1.5	1.5	.9	1.9	1.6	8.5	1.0	1.4
20	Food and kindred products.....	-	5.9	1.5	-	1.6	2.2	-	-	-	-
22	Basic textiles.....	.1	-	.3	.3	.1	1.3	2.8	4.3	.1	.2
26	Pulp, paper, and allied products.....	1.6	.5	2.5	.8	1.5	1.7	.4	8.6	.2	2.2
262	Paper (except building paper).....	.2	1.1	1.4	2.0	1.3	3.3	1.1	14.1	.8	1.8
2621	Paper (except building paper).....	.2	1.1	1.4	2.0	1.3	3.3	1.1	14.1	.8	1.8
263	Paperboard, fiberboard, and pulpboard (except insulating board).....	.9	.5	3.4	.2	3.1	.5	-	18.6	-	-
2631	Paperboard, fiberboard, and pulpboard (except insulating board).....	.9	.5	3.4	.2	3.1	.5	-	18.6	-	-
26311	Paperboard, fiberboard, and pulpboard (except insulating board).....	.9	.5	3.4	.2	3.1	.5	-	18.6	-	-

See footnotes at end of table.

TABLE 4. Percent Distribution of Commodities, by Production Area of Destination: 1967--Continued

TCC code	Commodity	Percent distribution by production area ¹ of destination--Continued									Sampling variability code
		18 (STLO)	19 (ATLA)	20 (DALL)	21 (HOUS)	22 (DENV)	23 (SETL)	24 (SANF)	25 (LOSA)	All other	
	TONS OF SHIPMENTS--Continued										
346	Metal stampings.....	0.3	0.1	-	0.4	-	-	0.1	0.2	66.1	d
3461	Metal stampings.....	.3	.1	-	.4	-	-	.1	.2	66.1	d
34619	Metal stampings, n.e.c.....	.3	.1	-	.4	-	-	.1	.2	66.0	d
349	Miscellaneous fabricated metal products.....	1.4	.5	-	1.3	0.1	0.2	.6	2.1	34.4	d
35	Machinery, except electrical.....	.2	1.7	0.5	1.0	.7	.4	2.4	1.6	43.7	c
354	Metalworking machinery and equipment...	-	.1	.7	1.9	1.7	.1	4.7	2.1	31.7	d
3548	Metalworking machinery (except machine tools).....	-	-	1.3	-	.9	-	.6	.7	20.3	d
35489	Metalworking machinery, except machine tools, n.e.c.....	-	-	-	-	1.9	-	1.3	1.1	24.8	d
356	General industrial machinery and equipment.....	.5	8.4	.4	.3	-	1.0	.5	.7	43.4	c
36	Electrical machinery and equipment.....	1.8	2.0	.4	1.0	.5	.2	1.2	5.3	35.2	b
361	Electrical transmission and distribution equipment.....	-	.2	.1	.2	.7	.1	.2	.9	11.6	d
362	Electrical industrial apparatus.....	.2	.1	.8	.4	-	.2	.6	6.7	37.9	c
3622	Industrial controls and parts.....	1.0	-	.5	.7	-	-	-	16.6	23.0	d
36221	Industrial controls and parts.....	1.0	-	.5	.7	-	-	-	16.6	23.0	d
363	Household appliances.....	5.0	5.8	.4	2.5	.1	.3	2.8	8.5	32.1	d
364	Electric lighting and wiring equipment.....	.4	.2	.1	-	.5	.4	.5	2.2	53.6	d
3643	Current carrying wiring devices (including lightning rods).....	.2	.3	.1	-	.6	-	.1	2.0	53.8	d
367	Electronic components or accessories...	1.0	.5	.8	.3	3.0	.1	.3	3.3	42.9	c
3679	Miscellaneous electronic components and accessories.....	1.0	.5	.8	.3	3.1	.2	.3	3.5	41.9	c
36791	Miscellaneous electronic components and accessories.....	1.0	.5	.8	.3	3.1	.2	.3	3.5	41.9	c
37	Transportation equipment.....	-	2.7	1.4	1.3	-	-	1.0	3.5	43.8	c
371	Motor vehicles and motor vehicle equipment.....	.1	-	.1	.7	-	-	-	10.7	12.8	d
38	Instruments, photographic goods, optical goods, watches, and clocks....	.2	.6	.1	1.8	.2	.3	.5	1.7	33.0	d
39	Miscellaneous products of manufacturing	1.3	2.3	1.7	19.5	.9	.5	4.4	2.0	33.2	d
	TON-MILES OF SHIPMENTS										
	Production Area 02, total.....	4.7	1.7	2.3	2.3	.6	2.9	7.5	8.0	42.0	-
20	Food and kindred products.....	-	-	7.8	.7	-	-	-	-	46.8	-
22	Basic textiles.....	1.5	.3	.8	.4	.7	-	4.8	13.3	62.5	-
26	Pulp, paper, and allied products.....	1.6	.8	1.0	.4	.2	1.3	3.3	7.5	48.6	-
262	Paper (except building paper).....	1.6	.2	1.9	.9	.9	3.1	2.8	7.9	43.7	-
2621	Paper (except building paper).....	1.6	.2	1.9	.9	.9	3.1	2.8	7.9	43.7	-
263	Paperboard, fiberboard, and pulpboard (except insulating board).....	4.2	.6	.8	-	-	-	9.1	1.7	31.7	-
2631	Paperboard, fiberboard, and pulpboard (except insulating board).....	4.2	.6	.8	-	-	-	9.1	1.7	31.7	-
26311	Paperboard, fiberboard, and pulpboard (except insulating board).....	4.2	.6	.8	-	-	-	9.1	1.7	31.7	-

See footnotes at end of table.

TABLE 4. Percent Distribution of Commodities, by Production Area of Destination: 1967 --Continued

TCC code	Commodity	Number	Percent distribution by production area ¹ of destination							
			Total	1 (BOST)	2 ² (HART)	3 (NYNY)	4 (N. NJ)	5 (PHIL)	6 (BALT)	7 (ALLN)
	TON-MILES OF SHIPMENTS--Continued	(millions of ton-miles)								
28	Chemicals and allied products.....	322	100.0	1.6	0.7	0.7	2.9	1.7	0.3	0.2
281	Industrial chemicals.....	20	100.0	.5	.1	.5	.6	1.0	.7	-
282	Plastic materials and plasticizers, synthetic resins, rubbers, and fibers.	124	100.0	2.5	.8	1.1	5.8	3.1	.3	.5
2821	Plastic materials, and plasticizers, synthetic resins, rubbers, and fibers.	124	100.0	2.5	.8	1.1	5.8	3.1	.3	.5
284	Soap and detergents, cleaning preparations, perfumes, cosmetics, and other toilet preparations.....	155	100.0	.9	.5	.4	1.1	.8	.2	-
2842	Specialty cleaning, polishing, and sanitation preparations (except soap and detergents).....	33	100.0	.2	.2	.1	-	2.5	.7	.1
2844	Perfumes, cosmetics, and other toilet preparations.....	108	100.0	.8	.7	.1	1.0	.3	-	-
28441	Perfumes, cosmetics, and other toilet preparations.....	108	100.0	.8	.7	.1	1.0	.3	-	-
30	Rubber and miscellaneous plastics products.....	143	100.0	1.9	.6	2.0	1.1	3.2	.4	.2
307	Miscellaneous plastic products.....	26	100.0	.9	.4	2.2	1.4	.5	.2	-
3071	Miscellaneous plastic products.....	26	100.0	.9	.4	2.2	1.4	.5	.2	-
33	Primary metal products.....	567	100.0	1.5	.5	1.9	.5	1.1	.6	.2
3312	Primary iron and steel products (except coke-oven products).....	-	-	-	-	-	-	-	-	-
332	Iron and steel castings.....	43	100.0	2.0	1.7	.6	.3	.2	3.6	-
3321	Iron and steel castings.....	43	100.0	2.0	1.7	.6	.3	.2	3.6	-
33219	Iron and steel castings, n.e.c.....	43	100.0	2.0	1.7	.6	.3	.2	3.6	-
335	Nonferrous metal basic shapes.....	410	100.0	1.1	.2	.4	.3	.8	.2	.2
3351	Copper, brass, bronze, and other copper base alloy basic shapes.....	145	100.0	3.0	.5	1.0	.7	1.6	.5	.6
33511	Copper, brass, bronze, and other copper base alloy rods and bars.....	17	100.0	4.3	1.0	2.0	.9	.7	3.0	-
33512	Copper, brass, bronze, and other copper base alloy plate, sheet, and strip.....	95	100.0	3.0	.4	1.0	.7	1.3	-	.9
336	Nonferrous and nonferrous base alloy castings.....	2	100.0	2.3	1.5	.8	.1	-	1.1	-
34	Fabricated metal products.....	296	100.0	3.9	.9	1.1	.3	1.0	.3	-
342	Cutlery, hand tools, and general hardware.....	109	100.0	.4	-	.5	.1	.3	.2	-
3423	Hand and edge tools (except machine tools and hand saws).....	52	100.0	.1	-	.5	.1	.1	.1	-
3429	Miscellaneous hardware.....	36	100.0	.6	.1	.2	.2	.2	.2	-
34299	Hardware, n.e.c.....	29	100.0	.6	.1	.2	.2	.2	.2	-
346	Metal stampings.....	32	100.0	.2	.6	.3	.1	.8	.1	-
3461	Metal stampings.....	32	100.0	.2	.6	.3	.1	.8	.1	-
34619	Metal stampings, n.e.c.....	32	100.0	.2	.6	.3	.1	.8	.1	-
349	Miscellaneous fabricated metal products.....	39	100.0	1.3	.8	3.6	.8	.5	.4	.1
35	Machinery, except electrical.....	146	100.0	1.5	.3	1.1	.3	.7	.1	-
354	Metalworking machinery and equipment...	58	100.0	2.4	.3	.4	.5	1.0	.1	-
3548	Metalworking machinery (except machine tools).....	7	100.0	9.6	-	.2	.5	6.1	-	-
35489	Metalworking machinery, except machine tools, n.e.c.....	4	100.0	5.6	-	.4	.7	.8	-	-

See footnote at end of table.

TABLE 4. Percent Distribution of Commodities, by Production Area of Destination: 1967--Continued

TCC code	Commodity	Percent distribution by production area ¹ of destination--Continued									
		8 (HARR)	9 (SYRA)	10 (BUFF)	11 (CLEV)	12 (PITT)	13 (DETR)	14 (CINC)	15 (CHIC)	16 (MILW)	17 (M-SP)
	TON-MILES OF SHIPMENTS--Continued										
28	Chemicals and allied products.....	0.4	0.6	2.1	0.5	1.0	1.9	0.3	10.7	-	0.5
281	Industrial chemicals.....	-	.3	.2	1.0	-	3.3	.4	.5	-	-
282	Plastic materials and plasticizers, synthetic resins, rubbers, and fibers	-	.5	2.8	.9	1.2	3.8	-	20.7	-	.9
2821	Plastic materials and plasticizers, synthetic resins, rubbers, and fibers	-	.5	2.8	.9	1.2	3.8	-	20.7	-	.9
284	Soap and detergents, cleaning preparations, perfumes, cosmetics, and other toilet preparations.....	.4	.6	.3	.2	1.0	.3	.6	5.2	-	.4
2842	Specialty cleaning, polishing, and sanitation preparations (except soap and detergents).....	1.7	.8	.3	.1	.1	-	.6	6.4	-	-
2844	Perfumes, cosmetics, and other toilet preparations.....	-	-	.3	.2	-	.4	.7	5.0	-	.5
28441	Perfumes, cosmetics, and other toilet preparations.....	-	-	.3	.2	-	.4	.7	5.0	-	.5
30	Rubber and miscellaneous plastic..... products.....	.2	.1	2.2	4.2	1.3	5.4	1.1	5.4	1.5	2.4
307	Miscellaneous plastic products.....	-	.3	2.0	.4	.1	3.0	3.4	28.8	4.3	.3
3071	Miscellaneous plastic products.....	-	.3	2.0	.4	.1	3.0	3.4	28.8	4.3	.3
33	Primary metal products.....	.8	.5	.9	2.0	.4	.9	.4	15.1	1.3	1.2
3312	Primary iron and steel products (except coke-oven products).....	-	-	-	-	-	-	-	-	-	-
332	Iron and steel castings.....	.3	.8	.1	.8	.7	.2	.1	2.4	-	.2
3321	Iron and steel castings.....	.3	.8	.1	.8	.7	.2	.1	2.4	-	.2
33219	Iron and steel castings, n.e.c.....	.3	.8	.1	.8	.7	.2	.1	2.4	-	.2
335	Nonferrous metal basic shapes.....	.3	.6	1.1	2.1	.4	.9	.6	20.2	1.8	1.7
3351	Copper, brass, bronze and other copper base alloy basic shapes.....	.6	.3	2.6	1.6	.7	.5	.7	14.6	5.2	3.7
33511	Copper, brass, bronze, and other copper base alloy rods and bars.....	-	-	1.6	-	-	.7	.5	37.8	4.6	-
33512	Copper, brass, bronze, and other copper base alloy plate, sheet, and strip.....	.8	.3	3.3	1.8	.2	.5	1.1	14.2	6.4	5.6
336	Nonferrous and nonferrous base alloy castings.....	-	-	.2	.3	-	-	-	.4	-	.6
34	Fabricated metal products.....	.3	.6	.8	1.2	.6	2.4	1.6	3.6	1.3	2.3
342	Cutlery, hand tools, and general hardware.....	.6	.5	.4	.7	.2	2.6	.4	6.2	.1	1.0
3423	Hand and edge tools (except machine tools and hand saws).....	-	.1	.4	.4	.1	1.4	.2	3.0	-	.2
3429	Miscellaneous hardware.....	1.9	1.4	.5	.7	.4	4.0	.7	10.1	.1	2.2
34299	Hardware, n.e.c.....	2.4	1.7	.5	.4	.1	4.6	.1	12.0	-	2.4
346	Metal stampings.....	.2	-	.8	.6	.1	.6	.3	1.7	.1	8.2
3461	Metal stampings.....	.2	-	.8	.6	.1	.6	.3	1.7	.1	8.2
34619	Metal stampings, n.e.c.....	.2	-	.8	.6	.1	.6	.3	1.6	.1	8.2
349	Miscellaneous fabricated metal products.....	.4	.2	.6	.6	1.7	1.2	9.7	4.7	.7	1.5
35	Machinery, except electrical.....	.2	.1	2.1	1.7	.5	2.5	2.4	5.9	1.3	.9
354	Metalworking machinery and equipment..	.2	-	3.9	1.8	.3	2.2	2.8	3.8	2.7	.8
3548	Metalworking machinery (except machine tools).....	-	.1	1.5	4.2	.1	3.6	3.8	5.7	.5	2.5
35489	Metalworking machinery, except machine tools, n.e.c.....	-	.1	-	7.2	.2	6.0	6.4	9.6	.9	4.2

See footnotes at end of table.

TABLE 4. Percent Distribution of Commodities, by Production Area of Destination: 1967--Continued

TCC code	Commodity	Percent distribution by production area ¹ of destination--Continued									Sampling variability code
		18 (STLO)	19 (ATLA)	20 (DALL)	21 (HOUS)	22 (DENV)	23 (SETL)	24 (SANF)	25 (LOSA)	All other	
	TON-MILES OF SHIPMENTS--Continued										
28	Chemicals and allied products.....	1.3	2.8	4.5	0.2	1.5	0.9	3.5	19.0	40.2	-
281	Industrial chemicals.....	2.0	-	-	1.6	-	-	-	7.0	80.3	-
282	Plastic materials and plasticizers, synthetic resins, rubbers, and fibers.	-	2.3	.3	-	-	-	-	10.9	41.6	-
2821	Plastic materials and plasticizers, synthetic resins, rubbers, and fibers.	-	2.3	.3	-	-	-	-	10.9	41.6	-
284	Soap and detergents, cleaning preparations, perfumes, cosmetics, and other toilet preparations.....	2.4	3.6	9.0	.2	3.1	1.4	7.2	30.0	30.2	-
2842	Specialty cleaning, polishing, and sanitation preparations (except soap and detergents).....	6.9	5.5	16.0	-	5.1	5.4	-	15.5	31.8	-
2844	Perfumes, cosmetics, and other toilet preparations.....	1.2	3.5	8.0	.2	2.9	.1	10.2	37.2	26.7	-
28441	Perfumes, cosmetics, and other toilet preparations.....	1.2	3.5	8.0	.2	2.9	.1	10.2	37.2	26.7	-
30	Rubber and miscellaneous plastics products.....	2.1	4.6	9.9	-	.1	.1	1.5	12.0	36.5	-
307	Miscellaneous plastic products.....	.9	.7	2.5	-	.6	-	4.3	11.5	31.3	-
3071	Miscellaneous plastic products.....	.9	.7	2.5	-	.6	-	4.3	11.5	31.3	-
33	Primary metal products.....	10.0	.5	.9	2.7	.1	8.7	12.4	2.9	32.0	-
3312	Primary iron and steel products (except coke-oven products).....	-	-	-	-	-	-	-	-	-	-
332	Iron and steel castings.....	4.6	1.2	.6	-	-	.2	-	1.4	78.0	-
3321	Iron and steel castings.....	4.6	1.2	.6	-	-	.2	-	1.4	78.0	-
33219	Iron and steel castings, n.e.c.....	4.6	1.2	.6	-	-	.2	-	1.4	78.0	-
335	Nonferrous metal basic shapes.....	13.4	.5	1.1	3.7	.1	11.9	4.8	2.5	29.1	-
3351	Copper, brass, bronze, and other copper base alloy basic shapes.....	.7	.7	.5	2.2	.1	-	11.9	5.9	39.6	-
33511	Copper, brass, bronze, and other copper base alloy rods and bars.....	2.8	.7	2.7	-	-	-	-	-	36.7	-
33512	Copper, brass, bronze, and other copper base alloy plate, sheet, and strip.....	.2	.3	-	-	-	-	17.9	8.4	31.7	-
336	Nonferrous and nonferrous base alloy castings.....	-	-	-	-	-	5.8	-	-	86.9	-
34	Fabricated metal products.....	1.0	2.5	1.7	1.1	.2	.9	14.0	6.1	50.3	-
342	Cutlery, hand tools, and general hardware.....	1.0	6.0	4.3	.7	.5	.3	33.2	9.5	30.3	-
3423	Hand and edge tools (except machine tools and hand saws).....	.6	.6	6.3	.2	.1	.1	61.4	6.9	17.1	-
3429	Miscellaneous hardware.....	2.0	17.0	2.8	.3	1.1	.1	1.9	11.7	39.6	-
34299	Hardware, n.e.c.....	.1	20.9	2.3	.3	1.1	.2	.7	5.7	43.0	-
346	Metal stampings.....	.5	.1	.1	1.0	-	-	.4	.7	82.5	-
3461	Metal stampings.....	.5	.1	.1	1.0	-	-	.4	.7	82.5	-
34619	Metal stampings, n.e.c.....	.5	.1	.1	1.0	-	-	.4	.7	82.6	-
349	Miscellaneous fabricated metal products.....	3.4	1.0	-	5.1	.3	1.1	4.1	13.7	42.5	-
35	Machinery, except electrical.....	.4	2.3	1.3	2.5	2.0	1.6	10.2	6.4	51.7	-
354	Metalworking machinery and equipment.....	-	.2	1.6	4.3	4.5	.2	19.3	8.1	38.6	-
3548	Metalworking machinery (except machine tools).....	-	-	5.3	-	4.4	-	4.3	4.7	42.9	-
35489	Metalworking machinery, except machine tools, n.e.c.....	-	-	-	-	6.9	-	7.2	5.9	37.9	-

See footnotes at end of table.

TABLE 4. Percent Distribution of Commodities, by Production Area of Destination: 1967 --Continued

TCC code	Commodity	Number	Percent distribution by production area ¹ of destination							
			Total	1 (BOST)	2 ² (HART)	3 (NYNY)	4 (N. NJ)	5 (PHIL)	6 (BALT)	7 (ALLN)
	TON-MILES OF SHIPMENTS--Continued	(millions of ton-miles)								
356	General industrial machinery and equipment.....	30	100.0	0.5	0.3	0.2	0.9	0.9	0.1	0.1
36	Electrical machinery and equipment.....	105	100.0	.5	.1	.6	1.3	.8	.2	.1
361	Electrical transmission and distribution equipment.....	8	100.0	.7	.1	1.7	11.9	.7	.2	-
362	Electrical industrial apparatus.....	22	100.0	.3	.1	.4	.5	1.0	.4	.2
3622	Industrial controls and parts.....	-	-	-	-	-	-	-	-	-
36221	Industrial controls and parts.....	-	-	-	-	-	-	-	-	-
363	Household appliances.....	46	100.0	.4	-	.4	.2	.2	.1	-
364	Electric lighting and wiring equipment.....	17	100.0	.7	.3	.5	.5	1.0	.2	.2
3643	Current carrying wiring devices (including lightning rods).....	15	100.0	.7	.4	.5	.6	1.0	.1	.2
367	Electronic components or accessories.....	7	100.0	.6	.2	.9	.5	1.7	.1	-
3679	Miscellaneous electronic components and accessories.....	7	100.0	.6	.2	.9	.6	1.8	.1	-
36791	Miscellaneous electronic components and accessories.....	7	100.0	.6	.2	.9	.6	1.8	.1	-
37	Transportation equipment.....	36	100.0	1.4	.2	.7	.4	2.5	.6	-
371	Motor vehicles and motor vehicle equipment.....	6	100.0	6.0	.2	.1	.4	4.3	.3	-
38	Instruments, photographic goods, optical goods, watches, and clocks....	18	100.0	1.4	.2	3.1	1.8	3.8	.3	1.1
39	Miscellaneous products of manufacturing	74	100.0	.4	.1	.7	.3	.4	.1	-

TCC code	Commodity	Percent distribution by production area ¹ of destination--Continued									
		8 (HARR)	9 (SYRA)	10 (BUFF)	11 (CLEV)	12 (PITT)	13 (DETR)	14 (CINC)	15 (CHIC)	16 (MILW)	17 (M-SP)
	TON-MILES OF SHIPMENT--Continued										
356	General industrial machinery and equipment.....	0.1	0.2	1.2	3.1	0.8	4.1	4.4	7.4	0.6	1.1
36	Electrical machinery and equipment.....	.2	.9	.6	2.4	.2	1.8	1.8	8.0	.9	.7
361	Electrical transmission and distribution equipment.....	.4	1.8	.9	25.0	.4	.5	3.3	10.7	.4	1.4
362	Electrical industrial apparatus.....	.5	.1	1.0	.1	.3	.6	.6	19.2	2.5	1.0
3622	Industrial controls and parts.....	-	-	-	-	-	-	-	-	-	-
36221	Industrial controls and parts.....	-	-	-	-	-	-	-	-	-	-
363	Household appliances.....	.1	.7	.2	.3	.1	3.4	3.2	2.2	.3	.6
364	Electric lighting and wiring equipment.....	.2	1.7	1.1	2.6	.5	.9	.2	4.6	1.2	.7
3643	Current carrying wiring devices (including lightning rods).....	.3	1.9	1.0	3.1	.6	1.0	.2	4.0	1.2	.8
367	Electronic components or accessories.....	-	2.7	.8	.4	.1	.2	.4	13.2	.4	.5
3679	Miscellaneous electronic components and accessories.....	-	3.0	.9	.5	.1	.2	.2	14.4	.2	.5
36791	Miscellaneous electronic components and accessories.....	-	3.0	.9	.5	.1	.2	.2	14.4	.2	.5
37	Transportation equipment.....	1.4	.2	1.0	.4	-	1.9	.8	2.1	1.6	4.4
371	Motor vehicles and motor vehicle equipment.....	.1	-	-	-	-	.4	-	12.0	-	1.3
38	Instruments, photographic goods, optical goods, watches, and clocks....	.1	.2	.9	.8	2.9	.6	.9	4.2	.2	1.6
39	Miscellaneous products of manufacturing	.2	.1	.2	.6	.5	.9	1.0	2.0	.2	1.7

See footnotes at end of table.

TABLE 4. Percent Distribution of Commodities, by Production Area of Destination: 1967--Continued

TCC code	Commodity	Percent distribution by production area ¹ of destination--Continued									Sampling variability code ³
		18 (STLO)	19 (ATLA)	20 (DALL)	21 (HOUS)	22 (DENV)	23 (SETL)	24 (SANF)	25 (LOSA)	All other	
	TON-MILES OF SHIPMENTS--Continued										
356	General industrial machinery and equipment.....	0.7	10.3	0.8	0.8	-	3.7	1.8	2.7	53.6	-
36	Electrical machinery and equipment.....	2.3	2.2	.8	2.0	1.2	.9	4.4	18.4	46.7	-
361	Electrical transmission and distribution equipment.....	.1	.6	.4	1.0	3.5	.8	1.4	6.7	25.4	-
362	Electrical industrial apparatus.....	.3	.1	1.6	.8	-	.6	2.0	22.3	43.5	-
3622	Industrial controls and parts.....	-	-	-	-	-	-	-	-	-	-
36221	Industrial controls and parts.....	-	-	-	-	-	-	-	-	-	-
363	Household appliances.....	4.7	4.7	.6	3.9	.2	.8	7.6	21.8	43.3	-
364	Electric lighting and wiring equipment.....	.7	.3	.1	-	1.5	1.5	2.1	9.1	67.6	-
3643	Current carrying wiring devices (including lightning rods).....	.4	.4	.1	-	1.7	-	.3	9.1	70.4	-
367	Electronic components or accessories...	1.5	.6	1.8	.6	8.2	.6	1.1	13.4	49.5	-
3679	Miscellaneous electronic components and accessories.....	1.6	.6	1.9	.7	9.0	.6	1.1	14.7	45.6	-
36791	Miscellaneous electronic components and accessories.....	1.6	.6	1.9	.7	9.0	.6	1.1	14.7	45.6	-
37	Transportation equipment.....	-	3.7	3.4	3.2	-	.1	4.0	13.9	52.1	-
371	Motor vehicles and motor vehicle equipment.....	.1	-	.2	1.5	.1	-	.1	40.4	32.5	-
38	Instruments, photographic goods, optical goods, watches, and clocks....	.4	1.2	.4	6.5	.7	1.6	3.1	10.0	52.0	-
39	Miscellaneous products of manufacturing.....	1.2	1.9	2.5	29.6	1.6	1.3	11.3	5.0	36.2	-

¹Designations below the area numbers are used to help identify the area. Descriptions of production areas appear on page 4.

²Includes only those shipments that originated in one city in this area and terminated in another city in this area. Does not include shipments originating and terminating in the same city.

³Code letter indicates a sampling variability range as follows: a, 0-9 percent; b, 10-19 percent; c, 20-29 percent; and d, 30-50 percent. The variability for ton-miles has not been estimated.

PRODUCTION AREA 3

Consists of one Standard Metropolitan Statistical Area:
New York, N.Y.

SUMMARY

The estimates of tons and ton-miles are based on reports from a sample of shipments by approximately 731 manufacturing establishments located in this Production Area. The total tons and ton-miles represent the total inter-city shipments by essentially all manufacturing establishments in the area, except for plants with less than 20 employees. However, since the data are based on a sample, the estimates necessarily are subject to "sampling variability."

The approximate degree of sampling variability for tons for each commodity or commodity class is indicated in the last column of tables 1 to 4. In general, most of the commodity data in this report are subject to substantial sampling variability and should be treated as approximate rather than precise measures.

About 6.9 million tons of commodities were shipped by plants in this area to destinations beyond the local area. These shipments generated 2.8 billion ton-miles by all means of transport combined, and averaged about 408 straight-line miles per ton shipped.

Motor carrier is the dominant means of transport, hauling 61 percent of the total tons shipped. When measured in terms of ton-miles rather than tons, motor carrier is still dominant, accounting for 59 percent of the ton-miles.

Comparisons between 1967 and 1963 data are presented in tables A through D. The 1967 survey is comparable with 1963, except for the exclusion from the survey, in 1967, of plants with less than 20 employees. Nationally, those plants accounted for only 4 percent of the total tons originated in the 1963 survey.

Table A. PERCENT DISTRIBUTION OF SHIPMENTS
BY MEANS OF TRANSPORT

Means of transport	All commodities	
	1967	1963
Tons of shipments.....millions..	6.9	9.8
Ton-miles.....billions..	2.8	2.6
TONS OF SHIPMENTS		
All means of transport.....	100.0	100.0
Rail.....	13.6	9.1
Motor carrier.....	61.0	49.2
Private truck.....	16.8	37.3
Air.....	.4	.2
Water.....	2.7	1.2
Other.....	5.5	3.0
TON-MILES		
All means of transport.....	100.0	100.0
Rail.....	22.2	25.7
Motor carrier.....	59.0	49.2
Private truck.....	5.7	7.8
Air.....	1.5	.9
Water.....	2.1	7.3
Other.....	9.5	9.1

Note: Ton-miles are the product of weight times distance on a straight-line distance basis.

Table C. PERCENT DISTRIBUTION OF SHIPMENTS
BY DISTANCE OF SHIPMENT

Distance shipped	All commodities	
	1967	1963
TONS OF SHIPMENTS		
All distances.....	100.0	100.0
Under 100 miles.....	36.7	55.9
100 to 199 miles.....	19.7	16.1
200 to 299 miles.....	7.8	5.6
300 to 499 miles.....	8.5	6.7
500 to 999 miles.....	15.7	8.7
1,000 to 1,499 miles.....	5.7	3.3
1,500 miles and over.....	5.9	3.7

Table B. AVERAGE LENGTH OF HAUL
BY MEANS OF TRANSPORT

Means of transport	(Straight-line miles)	
	1967	1963
All means of transport.....	408	269
Rail.....	666	766
Motor carrier.....	395	269
Private truck.....	139	56

Note: Average length of haul is based on straight-line miles from plant to customer or redistribution point, weighted by tonnage shipped (i.e., ton-miles divided by tons). Rail short-line and highway direct-route distances average about 24 and 21 percent, respectively, longer than straight-line distances.

Table D. PERCENT DISTRIBUTION OF SHIPMENTS
BY AREA OF DESTINATION

Area of destination	All commodities	
	1967	1963
Tons of shipments.....thousands..	6,853	9,767
Ton-miles.....millions..	2,799	2,630
TONS OF SHIPMENTS		
All areas.....	100.0	100.0
Production Area 03 ¹	11.4	29.6
Other production areas.....	55.7	44.6
All other areas.....	32.9	25.8
TON-MILES		
All areas.....	100.0	100.0
Production Area 03 ¹.....	.7	1.9
Other production areas.....	53.5	57.8
All other areas.....	45.8	40.3

¹Includes only those shipments that originated in one city in this area and terminated in another city in this area.

TABLE 1. Percent Distribution of Commodities, by Means of Transport: 1967

TCC code	Commodity	Number	Percent distribution by means of transport								Sampling variability code ¹
			All means of transport	Rail	Motor carrier	Private truck	Air	Water	Other	Unknown	
	TONS OF SHIPMENTS	(thousands of tons)									
	Production Area 03, total.....	6,853	100.0	13.6	61.0	16.8	0.4	2.7	4.7	0.8	-
20	Food and kindred products.....	1,974	100.0	20.8	51.1	25.6	-	2.5	-	-	b
201	Meat, poultry, and small game; fresh, chilled or frozen.....	77	100.0	-	42.8	47.4	.1	9.7	-	-	d
2013	Meat products.....	30	100.0	-	49.6	48.5	.2	1.7	-	-	d
20132	Meats and sausage, cooked, cured, dried, smoked, or salted.....	27	100.0	-	54.5	43.4	.2	1.9	-	-	d
203	Canned and preserved fruits, vegetables, and seafoods.....	31	100.0	1.5	79.7	10.0	-	8.7	.1	-	d
207	Confectionery and related products.....	190	100.0	19.5	79.9	.1	-	.1	.4	-	c
2071	Confectionery and related products.....	190	100.0	19.5	79.9	.1	-	.1	.4	-	c
20711	Candy (bars, bulk, packaged).....	99	100.0	12.7	86.6	.2	-	.3	.2	-	d
208	Beverages and flavoring extracts.....	657	100.0	1.3	33.3	64.9	-	.5	-	-	a
2087	Miscellaneous flavoring extracts, sirups, and flavoring compounds (except chocolate sirups).....	107	100.0	.1	89.3	8.3	-	2.3	-	-	b
20871	Flavoring extracts, emulsions, and flavoring compounds.....	107	100.0	.1	89.3	8.3	-	2.3	-	-	b
209	Miscellaneous food preparations and kindred products.....	59	100.0	11.9	88.1	-	-	-	-	-	d
22	Basic textiles.....	70	100.0	2.6	93.2	.6	1.6	-	2.0	-	d
23	Apparel, including knit apparel, and other finished textile products.....	308	100.0	9.1	69.6	1.6	.9	.1	18.2	.5	b
231	Men's, youths', and boys' clothing.....	42	100.0	11.5	47.0	2.3	-	.1	39.1	-	d
2311	Men's, youths', and boys' clothing.....	42	100.0	11.5	47.0	2.3	-	.1	39.1	-	d
23111	Men's, youths', and boys' coats, overcoats, and suits.....	42	100.0	11.5	47.0	2.3	-	.1	39.1	-	d
233	Women's, misses', girls', and infants' clothing.....	151	100.0	.2	75.5	.7	1.5	-	21.1	1.0	c
2331	Women's, misses', girls', and infants' clothing.....	151	100.0	.2	75.5	.7	1.5	-	21.1	1.0	c
23311	Women's, misses', girls', and infants' clothing.....	151	100.0	.2	75.5	.7	1.5	-	21.1	1.0	c
235	Millinery, caps and hats.....	18	100.0	-	92.2	-	.3	-	7.5	-	d
239	Miscellaneous fabricated textile products.....	93	100.0	24.5	65.7	3.0	-	.1	6.7	-	d
25	Furniture and fixtures.....	70	100.0	13.7	63.7	20.1	-	.1	.6	1.8	d
251	Household and office furniture.....	50	100.0	18.0	57.3	23.7	-	.2	.8	-	d
254	Partitions, shelving, lockers, and office and store fixtures.....	20	100.0	3.2	79.2	11.4	-	-	.1	6.1	d
26	Pulp, paper, and allied products.....	366	100.0	10.3	64.8	23.8	-	.2	.9	-	c
264	Converted paper and paperboard products (except containers and boxes).....	200	100.0	17.5	74.4	6.3	-	.2	1.6	-	d
2649	Miscellaneous converted paper products and paperboard products.....	31	100.0	-	99.9	-	-	-	.1	-	d
28	Chemicals and allied products.....	655	100.0	2.3	75.2	14.0	.3	.8	2.0	5.4	b
282	Plastic materials and plasticizers, synthetic resins, rubbers, and fibers.....	118	100.0	1.7	52.0	46.1	.1	.1	-	-	d
2821	Plastic materials and plasticizers, synthetic resins, rubbers, and fibers.....	118	100.0	1.7	52.0	46.1	.1	.1	-	-	d
28211	Plastic materials and plasticizers, synthetic resins, and nonvulcanizable elastomers.....	118	100.0	1.7	52.0	46.1	.1	.1	-	-	d

See footnote at end of table.

TABLE 1. Percent Distribution of Commodities, by Means of Transport: 1967--Continued

TCC code	Commodity	Number	Percent distribution by means of transport								Sampling variability code ¹
			All means of transport	Rail	Motor carrier	Private truck	Air	Water	Other	Unknown	
	TONS OF SHIPMENTS--Con.	(thousands of tons)									
233	Drugs (biological products, medicinal chemicals, botanical products, and pharmaceutical preparations).....	50	100.0	3.2	73.3	0.2	2.7	6.5	14.1	-	c
2831	Drugs (biological products, medicinal chemicals, botanical products, and pharmaceutical preparations).....	50	100.0	3.2	73.3	.2	2.7	6.5	14.1	-	c
28311	Drugs for human use.....	50	100.0	3.2	73.3	.2	2.7	6.5	14.1	-	c
284	Soap and detergents, cleaning preparations, perfumes, cosmetics, and other toilet preparations.....	270	100.0	2.0	95.2	.4	.2	-	2.0	0.2	d
2844	Perfumes, cosmetics, and other toilet preparations.....	77	100.0	6.9	84.0	1.4	.9	.1	5.9	.8	a
28441	Perfumes, cosmetics, and other toilet preparations.....	77	100.0	6.9	84.0	1.4	.9	.1	5.9	.8	a
285	Paints, varnishes, lacquers, enamels, and allied products.....	74	100.0	.5	93.9	2.1	-	-	.1	3.4	d
2851	Paints, varnishes, lacquers, enamels, and allied products.....	74	100.0	.5	93.9	2.1	-	-	.1	3.4	d
28511	Paints, varnishes, lacquers, enamels, and shellacs.....	70	100.0	.4	93.6	2.3	-	-	.1	3.6	d
30	Rubber and miscellaneous plastics products.....	172	100.0	2.1	62.6	32.7	.7	.1	1.8	-	a
307	Miscellaneous plastic products.....	172	100.0	2.1	62.5	32.8	.7	.1	1.8	-	d
3071	Miscellaneous plastic products.....	172	100.0	2.1	62.5	32.8	.7	.1	1.8	-	d
30714	Unsupported vinyl and polyethylene film and sheeting.....	30	100.0	2.2	91.2	6.4	.2	-	-	-	d
30719	Fabricated plastics products, n.e.c. (including footwear made wholly of plastic).....	126	100.0	2.3	53.0	42.2	.7	.1	1.7	-	d
31	Leather and leather products.....	64	100.0	3.5	91.3	.7	.2	.4	3.9	-	c
316	Luggage and handbags (all materials), and other personal leather goods.....	33	100.0	4.9	87.9	1.3	.3	.6	4.9	.1	c
3161	Luggage and handbags (all materials), and other personal leather goods.....	33	100.0	4.9	87.9	1.3	.3	.6	4.9	.1	c
31611	Luggage, all materials.....	33	100.0	4.9	87.9	1.3	.3	.6	4.9	.1	c
329	Abrasives, asbestos, and miscellaneous nonmetallic mineral products.....	47	100.0	4.0	88.7	6.2	.5	-	.6	-	c
33	Primary metal products.....	682	100.0	28.1	38.2	16.7	-	16.7	-	.3	b
333	Nonferrous metals primary smelter products (slab, ingot, pig, etc., and residues).....	358	100.0	35.1	16.5	17.0	-	31.2	-	.2	b
3339	Miscellaneous primary nonferrous and nonferrous base alloy basic metal products (anodes, cathodes, billets, blooms, pig, slab, or ingot, etc.)....	4	100.0	-	69.7	30.3	-	-	-	-	d
335	Nonferrous metal basic shapes.....	281	100.0	20.9	63.4	14.3	.1	.7	.1	.5	c
3356	Miscellaneous nonferrous metal basic shapes (plate, sheet, strip, rods, bars, pipe, and tubing).....	10	100.0	24.2	40.3	11.0	.4	10.1	1.5	12.5	c
3357	Nonferrous wire (including insulated wire).....	193	100.0	15.5	77.0	7.4	.1	-	-	-	c
33574	Wire and cable, insulated, enameled or covered.....	167	100.0	16.7	74.8	8.5	-	-	-	-	d
34	Fabricated metal products.....	450	100.0	20.1	64.2	14.2	.1	.2	1.1	.1	c
355	Special industry machinery (except metalworking machinery).....	29	100.0	18.7	65.5	3.8	3.3	7.5	1.2	-	d

See footnote at end of table.

TABLE 1. Percent Distribution of Commodities, by Means of Transport: 1967--Continued

TCC code	Commodity	Number	Percent distribution by means of transport								Sampling variability code ¹
			All means of transport	Rail	Motor carrier	Private truck	Air	Water	Other	Unknown	
	TONS OF SHIPMENTS--Con.	(thousands of tons)									
36	Electrical machinery and equipment.....	307	100.0	2.7	55.6	35.9	0.7	0.2	4.9	-	c
363	Household appliances.....	32	100.0	20.1	44.0	35.7	.1	-	.1	-	d
364	Electric lighting and wiring equipment.	174	100.0	-	51.0	42.2	.2	.3	6.3	-	d
3642	Lighting fixtures.....	21	100.0	.3	95.4	.1	.3	-	3.9	-	d
366	Communication equipment.....	1	100.0	13.3	20.2	4.2	8.7	-	51.0	2.6	d
3662	Radio and television transmitting, signaling, and detection equipment and apparatus.....	1	100.0	13.5	20.4	4.3	8.4	-	50.8	2.6	d
36621	Radio and television transmitting, signaling, and detection equipment and apparatus.....	1	100.0	13.5	20.4	4.3	8.4	-	50.8	2.6	d
3679	Miscellaneous electronic components and accessories.....	4	100.0	4.0	57.3	1.3	8.2	-	29.2	-	d
36791	Miscellaneous electronic components and accessories.....	4	100.0	4.0	57.3	1.3	8.2	-	29.2	-	d
38	Instruments, photographic goods, optical goods, watches, and clocks.....	22	100.0	7.1	63.5	3.1	5.5	-	20.8	-	c
386	Photographic equipment and supplies.....	5	100.0	.3	79.3	7.8	2.1	.1	10.4	-	d
3861	Photographic equipment and supplies.....	5	100.0	.3	79.3	7.8	2.1	.1	10.4	-	d
39	Miscellaneous products of manufacturing	309	100.0	24.4	62.2	6.8	.1	2.4	4.0	.1	c
	TON-MILES OF SHIPMENTS	(millions of ton-miles)									
	Production Area 03, total.....	2,799	100.0	22.2	59.0	5.7	1.5	2.1	9.1	.4	-
20	Food and kindred products.....	464	100.0	32.9	51.8	7.8	-	7.2	.3	-	-
201	Meat, poultry, and small game; fresh, chilled or frozen.....	26	100.0	-	59.7	12.7	.1	27.5	-	-	-
2013	Meat products.....	9	100.0	-	94.2	5.4	.3	.1	-	-	-
20132	Meats and sausage, cooked, cured, dried, smoked, or salted.....	8	100.0	-	95.1	4.5	.3	.1	-	-	-
203	Canned and preserved fruits, vegetables, and seafoods.....	12	100.0	9.8	61.0	4.9	-	24.1	.2	-	-
207	Confectionery and related products.....	111	100.0	29.8	68.3	-	-	1.2	.7	-	-
2071	Confectionery and related products.....	111	100.0	29.8	68.3	-	-	1.2	.7	-	-
20711	Candy (bars, bulk, packaged).....	67	100.0	25.5	72.0	-	-	2.0	.5	-	-
208	Beverages and flavoring extracts.....	82	100.0	2.2	55.2	37.3	-	5.3	-	-	-
2087	Miscellaneous flavoring extracts, sirups, and flavoring compounds (except chocolate sirups).....	27	100.0	.3	88.3	2.5	-	8.9	-	-	-
20871	Flavoring extracts, emulsions, and flavoring compounds.....	27	100.0	.3	88.3	2.5	-	8.9	-	-	-
209	Miscellaneous food preparations and kindred products.....	27	100.0	39.3	60.7	-	-	-	-	-	-
22	Basic textiles.....	59	100.0	6.9	87.5	-	3.6	.1	1.9	-	-
23	Apparel, including knit apparel, and other finished textile products.....	217	100.0	10.0	71.6	.1	1.4	.5	15.8	.6	-
231	Men's, youths', and boys' clothing.....	25	100.0	13.3	55.9	.3	-	.3	30.2	-	-
2311	Men's, youths', and boys' clothing.....	25	100.0	13.3	55.9	.3	-	.3	30.2	-	-
23111	Men's, youths', and boys' coats, overcoats, and suits.....	25	100.0	13.3	55.9	.3	-	.3	30.2	-	-
233	Women's, misses', girls', and infants' clothing.....	124	100.0	.3	79.6	-	2.2	.3	16.6	1.0	-
2331	Women's, misses', girls', and infants' clothing.....	124	100.0	.3	79.6	-	2.2	.3	16.6	1.0	-
23311	Women's, misses', girls', and infants' clothing.....	124	100.0	.3	79.6	-	2.2	.3	16.6	1.0	-

See footnote at end of table.

TABLE 1. Percent Distribution of Commodities, by Means of Transport: 1967--Continued

TCC code	Commodity	Number	Percent distribution by means of transport								Sampling vari- ability code
			All means of transport	Rail	Motor carrier	Pri- vate truck	Air	Water	Other	Un- known	
	TON-MILES OF SHIPMENTS--Con.	(millions of ton-miles)									
235	Millinery, caps and hats.....	9	100.0	-	92.0	-	1.5	-	6.5	-	-
239	Miscellaneous fabricated textile products.....	57	100.0	31.5	57.7	0.1	-	1.0	9.7	-	-
25	Furniture and fixtures.....	43	100.0	41.8	53.3	2.6	-	.4	1.2	0.7	-
251	Household and office furniture.....	31	100.0	55.8	39.4	2.7	-	.5	1.6	-	-
254	Partitions, shelving, lockers, and office and store fixtures.....	12	100.0	4.2	90.6	2.4	-	-	.1	2.7	-
26	Pulp, paper, and allied products.....	170	100.0	32.2	61.3	4.8	.1	.7	.9	-	-
264	Converted paper and paperboard products (except containers and boxes).....	133	100.0	40.0	54.6	3.4	-	.9	1.1	-	-
2649	Miscellaneous converted paper products and paperboard products.....	14	100.0	-	99.8	-	-	-	.2	-	-
28	Chemicals and allied products.....	271	100.0	6.8	76.8	5.7	.9	1.8	5.0	3.0	-
282	Plastic materials and plasticizers, synthetic resins, rubbers, and fibers.	45	100.0	7.4	73.6	18.2	.2	.5	.1	-	-
2821	Plastic materials and plasticizers, synthetic resins, rubbers, and fibers.	45	100.0	7.4	73.6	18.2	.2	.5	.1	-	-
28211	Plastic materials and plasticizers, synthetic resins, and nonvulcanizable elastomers.....	45	100.0	7.4	73.6	18.2	.2	.5	.1	-	-
283	Drugs (biological products, medicinal chemicals, botanical products, and pharmaceutical preparations).....	48	100.0	.7	70.9	-	2.8	9.2	16.4	-	-
2831	Drugs (biological products, medicinal chemicals, botanical products, and pharmaceutical preparations).....	48	100.0	.7	70.9	-	2.8	9.2	16.4	-	-
28311	Drugs for human use.....	48	100.0	.7	70.9	-	2.8	9.2	16.4	-	-
284	Soap and detergents, cleaning prepara- tions, perfumes, cosmetics, and other toilet preparations.....	115	100.0	4.5	89.5	.1	.8	.3	4.1	.7	-
2844	Perfumes, cosmetics, and other toilet preparations.....	47	100.0	11.0	76.8	.1	2.1	.5	7.8	1.7	-
28441	Perfumes, cosmetics, and other toilet preparations.....	47	100.0	11.0	76.8	.1	2.1	.5	7.8	1.7	-
285	Paints, varnishes, lacquers, enamels, and allied products.....	20	100.0	4.0	87.0	4.5	-	-	-	4.5	-
2851	Paints, varnishes, lacquers, enamels, and allied products.....	20	100.0	4.0	87.0	4.5	-	-	-	4.5	-
28511	Paints, varnishes, lacquers, enamels, and shellacs.....	18	100.0	4.1	86.2	4.9	-	-	-	4.3	-
30	Rubber and miscellaneous plastics products.....	91	100.0	5.3	64.2	26.4	1.5	.4	2.2	-	-
307	Miscellaneous plastic products.....	91	100.0	5.3	64.2	26.4	1.5	.4	2.2	-	-
3071	Miscellaneous plastic products.....	91	100.0	5.3	64.2	26.4	1.5	.4	2.2	-	-
30714	Unsupported vinyl and polyethylene film and sheeting.....	15	100.0	6.3	87.0	6.2	.5	-	-	-	-
30719	Fabricated plastics products, n.e.c. (including footwear made wholly of plastic).....	68	100.0	5.6	57.1	33.8	1.1	.6	1.3	-	-
31	Leather and leather products.....	54	100.0	5.5	88.7	.1	.4	2.0	3.2	.1	-
316	Luggage and handbags (all materials), and other personal leather goods.....	29	100.0	5.8	87.7	.3	.4	2.2	3.5	.1	-
3161	Luggage and handbags (all materials), and other personal leather goods.....	29	100.0	5.8	87.7	.3	.4	2.2	3.5	.1	-
31611	Luggage, all materials.....	29	100.0	5.8	87.7	.3	.4	2.2	3.5	.1	-

See footnote at end of table.

TABLE 1. Percent Distribution of Commodities, by Means of Transport: 1967--Continued

TCC code	Commodity	Number	Percent distribution by means of transport								Sampling variability code ¹
			All means of transport	Rail	Motor carrier	Private truck	Air	Water	Other	Unknown	
	TON-MILES OF SHIPMENTS--Con.	(millions of ton-miles)									
329	Abrasives, asbestos, and miscellaneous nonmetallic mineral products.....	20	100.0	4.0	91.7	3.3	0.6	-	0.4	-	-
33	Primary metal products.....	245	100.0	57.6	36.9	2.9	.2	2.2	.1	0.1	-
333	Nonferrous metals primary smelter products (slab, ingot, pig, etc., and residues).....	69	100.0	77.8	9.3	5.1	-	7.6	-	.2	-
3339	Miscellaneous primary nonferrous and nonferrous base alloy basic metal products (anodes, cathodes, billets, blooms, pig, slab, or ingot, etc.)....	1	100.0	-	89.0	11.0	-	-	-	-	-
335	Nonferrous metal basic shapes.....	164	100.0	51.8	45.8	2.0	.2	-	.1	.1	-
3356	Miscellaneous nonferrous metal basic shapes (plate, sheet, strip, rods, bars, pipe, and tubing).....	5	100.0	63.1	23.3	4.3	.8	.5	2.9	5.1	-
3357	Nonferrous wire (including insulated wire).....	134	100.0	47.8	51.6	.3	.3	-	-	-	-
33574	Wire and cable, insulated, enameled or covered.....	124	100.0	50.4	49.2	.3	.1	-	-	-	-
34	Fabricated metal products.....	214	100.0	29.7	63.5	3.7	.2	.9	2.0	-	-
355	Special industry machinery (except metalworking machinery).....	20	100.0	24.4	64.3	1.4	8.5	-	1.4	-	-
36	Electrical machinery and equipment.....	177	100.0	5.4	63.1	22.7	1.5	.5	6.8	-	-
363	Household appliances.....	24	100.0	27.9	43.8	28.1	.1	-	.1	-	-
364	Electric lighting and wiring equipment.....	90	100.0	.1	52.4	36.2	.3	.8	10.2	-	-
3642	Lighting fixtures.....	11	100.0	.8	95.9	-	.7	.1	2.5	-	-
366	Communication equipment.....	1	100.0	27.8	7.0	1.6	7.2	-	56.2	.2	-
3662	Radio and television transmitting, signaling, and detection equipment and apparatus.....	1	100.0	28.5	7.2	1.7	6.4	-	56.0	.2	-
36621	Radio and television transmitting, signaling, and detection equipment and apparatus.....	1	100.0	28.5	7.2	1.7	6.4	-	56.0	.2	-
3679	Miscellaneous electronic components and accessories.....	4	100.0	3.8	59.8	.6	10.1	.2	25.5	-	-
36791	Miscellaneous electronic components and accessories.....	4	100.0	3.8	59.8	.6	10.1	.2	25.5	-	-
38	Instruments, photographic goods, optical goods, watches, and clocks.....	17	100.0	7.5	59.0	3.2	7.9	.2	22.2	-	-
386	Photographic equipment and supplies....	5	100.0	.1	77.8	10.0	2.7	.5	8.9	-	-
3861	Photographic equipment and supplies....	5	100.0	.1	77.8	10.0	2.7	.5	8.9	-	-
39	Miscellaneous products of manufacturing	218	100.0	40.5	49.0	1.3	.2	2.8	5.9	.3	-

¹Code letter indicates a sampling variability range as follows: a, 0-9 percent; b, 10-19 percent; c, 20-29 percent; and d, 30-50 percent. The variability for ton-miles has not been estimated.

TABLE 2. Percent Distribution of Commodities, by Distance of Shipment: 1967

TCC code	Commodity	Number	Percent distribution by distance of shipment								Sampling variability code ¹
			All distances	Under 100 miles	100 to 199 miles	200 to 299 miles	300 to 499 miles	500 to 999 miles	1,000 to 1,499 miles	1,500 miles or over	
	TONS OF SHIPMENTS	(thousands of tons)									
	Production Area 03, total.....	6,853	100.0	36.7	19.7	7.8	8.5	15.7	5.7	5.9	-
20	Food and kindred products.....	1,974	100.0	39.6	28.4	9.9	8.3	10.5	2.4	.9	b
201	Meat, poultry, and small game; fresh, chilled or frozen.....	77	100.0	48.6	12.9	16.5	6.0	5.2	5.6	5.2	d
2013	Meat products.....	30	100.0	51.4	17.1	10.2	2.5	10.6	5.0	3.2	d
20132	Meats and sausage, cooked, cured, dried, smoked, or salted.....	27	100.0	46.7	18.8	11.2	2.7	11.6	5.5	3.5	d
203	Canned and preserved fruits, vegetables, and seafoods.....	31	100.0	28.6	18.5	17.2	10.4	9.7	13.6	2.0	d
207	Confectionery and related products.....	190	100.0	18.2	18.7	2.6	18.0	25.2	12.4	4.9	c
2071	Confectionery and related products.....	190	100.0	18.2	18.7	2.6	18.0	25.2	12.4	4.9	c
20711	Candy (bars, bulk, packaged).....	99	100.0	20.9	9.8	3.0	18.0	22.0	20.5	5.8	d
208	Beverages and flavoring extracts.....	657	100.0	62.4	25.5	5.6	3.5	1.9	.9	.2	a
2087	Miscellaneous flavoring extracts, sirups, and flavoring compounds (except chocolate sirups).....	107	100.0	38.3	19.7	8.3	20.2	9.6	3.5	.4	b
20871	Flavoring extracts, emulsions, and flavoring compounds.....	107	100.0	38.3	19.7	8.3	20.2	9.6	3.5	.4	b
209	Miscellaneous food preparations and kindred products.....	59	100.0	34.0	23.6	4.9	2.5	18.7	12.3	4.0	d
22	Basic textiles.....	70	100.0	15.0	7.1	3.6	17.0	32.2	5.9	19.2	d
23	Apparel, including knit apparel, and other finished textile products.....	308	100.0	18.3	12.9	7.5	11.3	26.9	9.8	13.3	b
231	Men's, youths', and boys' clothing.....	42	100.0	16.5	12.9	12.2	15.3	26.8	8.6	7.7	d
2311	Men's, youths', and boys' clothing.....	42	100.0	16.5	12.9	12.2	15.3	26.8	8.6	7.7	d
23111	Men's, youths', and boys' coats, overcoats, and suits.....	42	100.0	16.5	12.9	12.2	15.3	26.8	8.6	7.7	d
233	Women's, misses', girls', and infants' clothing.....	151	100.0	14.6	11.5	5.2	10.9	28.2	12.5	17.1	c
2331	Women's, misses', girls', and infants' clothing.....	151	100.0	14.6	11.5	5.2	10.9	28.2	12.5	17.1	c
23311	Women's, misses', girls', and infants' clothing.....	151	100.0	14.6	11.5	5.2	10.9	28.2	12.5	17.1	c
235	Millinery, caps and hats.....	18	100.0	44.1	11.3	3.8	6.6	21.6	5.9	6.7	d
239	Miscellaneous fabricated textile products.....	93	100.0	19.8	15.4	9.9	11.4	25.9	6.5	11.1	d
25	Furniture and fixtures.....	70	100.0	30.6	12.7	7.5	12.4	16.2	8.9	11.7	d
251	Household and office furniture.....	50	100.0	34.2	13.1	5.1	10.6	15.9	8.3	12.8	d
254	Partitions, shelving, lockers, and office and store fixtures.....	20	100.0	21.8	11.7	13.3	16.8	16.9	10.4	9.1	d
26	Pulp, paper, and allied products.....	366	100.0	39.3	14.4	6.6	5.2	20.4	5.8	8.3	c
264	Converted paper and paperboard products (except containers and boxes).....	200	100.0	21.5	17.0	8.6	8.7	19.4	10.3	14.5	d
2649	Miscellaneous converted paper products and paperboard products.....	31	100.0	20.0	28.3	8.0	9.7	23.7	5.5	4.8	d
28	Chemicals and allied products.....	655	100.0	27.2	24.6	10.9	8.9	17.4	6.4	4.6	b
282	Plastic materials and plasticizers, synthetic resins, rubbers, and fibers.	118	100.0	37.3	15.4	6.8	13.1	14.2	10.2	3.0	d
2821	Plastic materials and plasticizers, synthetic resins, rubbers, and fibers.	118	100.0	37.3	15.4	6.8	13.1	14.2	10.2	3.0	d
28211	Plastic materials and plasticizers, synthetic resins, and nonvulcanizable elastomers.....	118	100.0	37.3	15.4	6.8	13.1	14.2	10.2	3.0	d

See footnote at end of table.

TABLE 2. Percent Distribution of Commodities, by Distance of Shipment: 1967--Continued

TCC code	Commodity	Number	Percent distribution by distance of shipment								Sampling variability code ¹
			All distances	Under 100 miles	100 to 199 miles	200 to 299 miles	300 to 499 miles	500 to 999 miles	1,000 to 1,499 miles	1,500 miles or over	
	TONS OF SHIPMENTS--Con.	(thousands of tons)									
283	Drugs (biological products, medicinal chemicals, botanical products, and pharmaceutical preparations).....	50	100.0	19.6	10.3	3.7	5.5	22.5	16.0	22.4	c
2831	Drugs (biological products, medicinal chemicals, botanical products, and pharmaceutical preparations).....	50	100.0	19.6	10.3	3.7	5.5	22.5	16.0	22.4	c
28311	Drugs for human use.....	50	100.0	19.5	10.3	3.6	5.5	22.6	16.1	22.4	c
284	Soap and detergents, cleaning preparations, perfumes, cosmetics, and other toilet preparations.....	270	100.0	21.6	24.5	11.3	10.7	22.6	6.5	2.8	d
2844	Perfumes, cosmetics, and other toilet preparations.....	77	100.0	23.9	15.9	2.1	12.9	25.9	10.5	8.8	a
28441	Perfumes, cosmetics, and other toilet preparations.....	77	100.0	23.9	15.9	2.1	12.9	25.9	10.5	8.8	a
285	Paints, varnishes, lacquers, enamels, and allied products.....	74	100.0	41.6	18.4	17.9	3.6	15.8	2.0	.7	d
2851	Paints, varnishes, lacquers, enamels, and allied products.....	74	100.0	41.6	18.4	17.9	3.6	15.8	2.0	.7	d
28511	Paints, varnishes, lacquers, enamels, and shellacs.....	70	100.0	42.6	19.0	17.1	3.1	15.5	1.9	.8	d
30	Rubber and miscellaneous plastics products.....	172	100.0	29.7	11.1	4.2	9.7	31.2	7.0	7.1	d
307	Miscellaneous plastic products.....	172	100.0	29.6	11.1	4.2	9.8	31.2	7.0	7.1	d
3071	Miscellaneous plastic products.....	172	100.0	29.6	11.1	4.2	9.8	31.2	7.0	7.1	d
30714	Unsupported vinyl and polyethylene film and sheeting.....	30	100.0	18.3	17.1	4.1	8.7	43.7	6.5	1.6	d
30719	Fabricated plastics products, n.e.c. (including footwear made wholly of plastic).....	126	100.0	31.0	10.2	3.7	10.5	28.5	7.7	8.4	d
31	Leather and leather products.....	64	100.0	14.8	18.5	4.8	9.3	19.8	13.7	19.1	c
316	Luggage and handbags (all materials), and other personal leather goods.....	33	100.0	12.8	12.6	4.0	11.7	23.9	13.9	21.1	c
3161	Luggage and handbags (all materials), and other personal leather goods.....	33	100.0	12.8	12.6	4.0	11.7	23.9	13.9	21.1	c
31611	Luggage, all materials.....	33	100.0	12.8	12.6	4.0	11.7	23.9	13.9	21.1	c
329	Abrasives, asbestos, and miscellaneous nonmetallic mineral products.....	47	100.0	27.3	17.5	15.4	12.7	16.1	6.8	4.2	c
33	Primary metal products.....	682	100.0	53.1	12.3	3.7	5.8	14.4	4.8	5.9	b
333	Nonferrous metals primary smelter products (slab, ingot, pig, etc., and residues).....	358	100.0	72.3	12.7	.1	3.1	7.2	.7	3.9	b
3339	Miscellaneous primary nonferrous and nonferrous base alloy basic metal products (anodes, cathodes, billets, blooms, pig, slab, or ingot, etc.)....	4	100.0	30.3	51.9	-	-	17.8	-	-	d
335	Nonferrous metal basic shapes.....	281	100.0	29.4	9.3	8.3	10.0	24.2	10.1	8.7	c
3356	Miscellaneous nonferrous metal basic shapes (plate, sheet, strip, rods, bars, pipe, and tubing).....	10	100.0	35.6	12.7	13.2	2.5	12.3	23.5	.2	c
3357	Nonferrous wire (including insulated wire).....	193	100.0	22.8	10.3	10.7	9.4	22.4	11.7	12.7	c
33574	Wire and cable, insulated, enameled or covered.....	167	100.0	21.4	9.2	11.4	9.2	21.2	13.3	14.3	d
34	Fabricated metal products.....	450	100.0	33.8	15.1	5.6	16.7	12.9	7.5	8.4	c
355	Special industry machinery (except metalworking machinery).....	29	100.0	20.9	7.1	11.3	6.6	32.8	12.8	8.5	d

See footnote at end of table.

TABLE 2. Percent Distribution of Commodities, by Distance of Shipment: 1967--Continued

TCC code	Commodity	Number	Percent distribution by distance of shipment								Sampling variability code ¹
			All distances	Under 100 miles	100 to 199 miles	200 to 299 miles	300 to 499 miles	500 to 999 miles	1,000 to 1,499 miles	1,500 miles or over	
	TONS OF SHIPMENTS--Con.	(thousands of tons)									
36	Electrical machinery and equipment.....	307	100.0	23.7	15.2	8.3	7.5	29.9	7.0	8.4	c
363	Household appliances.....	32	100.0	17.0	14.7	4.1	14.9	25.7	7.4	16.2	d
364	Electric lighting and wiring equipment.	174	100.0	18.5	19.3	12.7	6.7	32.2	5.4	5.2	d
3642	Lighting fixtures.....	21	100.0	25.3	17.0	5.5	12.3	23.8	10.2	5.9	d
366	Communication equipment.....	1	100.0	23.3	11.6	8.3	2.6	13.7	8.0	32.5	d
3662	Radio and television transmitting, signaling, and detection equipment and apparatus.....	1	100.0	23.4	11.8	8.1	2.7	13.9	8.2	31.9	d
36621	Radio and television transmitting, signaling, and detection equipment and apparatus.....	1	100.0	23.4	11.8	8.1	2.7	13.9	8.2	31.9	d
3679	Miscellaneous electronic components and accessories.....	4	100.0	23.6	9.6	4.0	7.0	17.0	9.2	29.6	d
36791	Miscellaneous electronic components and accessories.....	4	100.0	23.6	9.6	4.0	7.0	17.0	9.2	29.6	d
38	Instruments, photographic goods, optical goods, watches, and clocks.....	22	100.0	20.5	5.2	5.6	9.5	32.6	15.2	11.4	c
386	Photographic equipment and supplies....	5	100.0	14.1	5.9	5.5	17.1	23.3	10.6	23.5	d
3861	Photographic equipment and supplies....	5	100.0	14.1	5.9	5.5	17.1	23.3	10.6	23.5	d
39	Miscellaneous products of manufacturing	309	100.0	17.1	14.2	10.7	11.8	23.5	7.7	15.0	c
	TON-MILES OF SHIPMENTS	(millions of ton-miles)									
	Production Area 03, total.....	2,799	100.0	3.7	7.4	4.7	8.3	26.6	16.5	32.8	-
20	Food and kindred products.....	464	100.0	7.8	18.1	10.5	13.1	28.8	12.4	9.3	-
201	Meat, poultry, and small game; fresh, chilled or frozen.....	26	100.0	6.7	5.8	11.6	7.5	11.2	19.3	37.9	-
2013	Meat products.....	9	100.0	5.2	9.7	8.9	3.3	25.7	20.3	26.9	-
20132	Meats and sausage, cooked, cured, dried, smoked, or salted.....	8	100.0	4.3	9.8	9.0	3.3	26.0	20.5	27.1	-
203	Canned and preserved fruits, vegetables, and seafoods.....	12	100.0	3.1	8.2	11.9	10.8	15.4	38.2	12.4	-
207	Confectionery and related products.....	111	100.0	1.7	4.9	1.1	12.6	32.6	27.6	19.5	-
2071	Confectionery and related products.....	111	100.0	1.7	4.9	1.1	12.6	32.6	27.6	19.5	-
20711	Candy (bars, bulk, packaged).....	67	100.0	1.7	2.3	1.1	10.6	24.8	39.8	19.7	-
208	Beverages and flavoring extracts.....	82	100.0	24.5	31.2	10.4	10.5	10.8	8.2	4.4	-
2087	Miscellaneous flavoring extracts, sirups, and flavoring compounds (except chocolate sirups).....	27	100.0	6.8	12.2	7.6	29.6	26.0	14.5	3.3	-
20871	Flavoring extracts, emulsions, and flavoring compounds.....	27	100.0	6.8	12.2	7.6	29.6	26.0	14.5	3.3	-
209	Miscellaneous food preparations and kindred products.....	27	100.0	3.1	8.4	3.1	1.9	31.4	31.5	20.6	-
22	Basic textiles.....	59	100.0	.5	1.4	1.2	9.0	25.6	8.8	53.5	-
23	Apparel, including knit apparel, and other finished textile products.....	217	100.0	1.2	3.0	2.5	6.7	27.4	16.0	43.2	-
231	Men's, youths', and boys' clothing.....	25	100.0	1.2	3.5	4.7	11.0	31.7	17.2	30.7	-
2311	Men's, youths', and boys' clothing.....	25	100.0	1.2	3.5	4.7	11.0	31.7	17.2	30.7	-
23111	Men's, youths', and boys' coats, overcoats, and suits.....	25	100.0	1.2	3.5	4.7	11.0	31.7	17.2	30.7	-
233	Women's, misses', girls', and infants' clothing.....	124	100.0	.8	2.4	1.6	5.5	24.8	17.3	47.6	-
2331	Women's, misses', girls', and infants' clothing.....	124	100.0	.8	2.4	1.6	5.5	24.8	17.3	47.6	-
23311	Women's, misses', girls', and infants' clothing.....	124	100.0	.8	2.4	1.6	5.5	24.8	17.3	47.6	-

See footnote at end of table.

TABLE 2. Percent Distribution of Commodities, by Distance of Shipment: 1967--Continued

TCC code	Commodity	Number	Percent distribution by distance of shipment								Sampling variability code ¹
			All distances	Under 100 miles	100 to 199 miles	200 to 299 miles	300 to 499 miles	500 to 999 miles	1,000 to 1,499 miles	1,500 miles or over	
	TON-MILES OF SHIPMENTS--Con.	(millions of ton-miles)									
235	Millinery, caps and hats.....	9	100.0	5.2	3.8	1.9	5.7	33.0	15.6	34.8	-
239	Miscellaneous fabricated textile products.....	57	100.0	1.4	4.0	3.7	7.6	30.4	12.4	40.5	-
25	Furniture and fixtures.....	43	100.0	2.2	3.3	2.7	8.2	20.1	18.0	45.5	-
251	Household and office furniture.....	31	100.0	2.4	3.3	1.8	7.2	18.9	16.5	49.9	-
254	Partitions, shelving, lockers, and office and store fixtures.....	12	100.0	1.8	3.3	5.1	10.7	23.2	21.9	34.0	-
26	Pulp, paper, and allied products.....	170	100.0	3.1	4.5	3.5	4.8	31.8	15.2	37.1	-
264	Converted paper and paperboard products (except containers and boxes).....	133	100.0	1.7	4.0	3.2	5.6	21.6	18.8	45.1	-
2649	Miscellaneous converted paper products and paperboard products.....	14	100.0	2.9	9.4	4.4	8.3	37.6	13.5	23.9	-
28	Chemicals and allied products.....	271	100.0	2.7	9.1	6.8	8.6	30.8	18.1	23.9	-
282	Plastic materials and plasticizers, synthetic resins, rubbers, and fibers.	45	100.0	2.6	6.1	4.8	11.9	29.7	29.5	15.4	-
2821	Plastic materials and plasticizers, synthetic resins, rubbers, and fibers.	45	100.0	2.6	6.1	4.8	11.9	29.7	29.5	15.4	-
28211	Plastic materials and plasticizers, synthetic resins, and nonvulcanizable elastomers.....	45	100.0	2.6	6.1	4.8	11.9	29.7	29.5	15.4	-
283	Drugs (biological products, medicinal chemicals, botanical products, and pharmaceutical preparations).....	48	100.0	.9	1.8	1.1	2.2	17.3	20.5	56.2	-
2831	Drugs (biological products, medicinal chemicals, botanical products, and pharmaceutical preparations).....	48	100.0	.9	1.8	1.1	2.2	17.3	20.5	56.2	-
28311	Drugs for human use.....	48	100.0	.9	1.8	1.0	2.2	17.3	20.6	56.2	-
284	Soap and detergents, cleaning preparations, perfumes, cosmetics, and other toilet preparations.....	115	100.0	1.9	9.2	6.9	10.8	38.0	18.3	14.9	-
2844	Perfumes, cosmetics, and other toilet preparations.....	47	100.0	1.3	3.7	.9	9.0	31.4	20.8	32.9	-
28441	Perfumes, cosmetics, and other toilet preparations.....	47	100.0	1.3	3.7	.9	9.0	31.4	20.8	32.9	-
285	Paints, varnishes, lacquers, enamels, and allied products.....	20	100.0	10.0	10.9	16.9	5.6	41.1	9.2	6.3	-
2851	Paints, varnishes, lacquers, enamels, and allied products.....	20	100.0	10.0	10.9	16.9	5.6	41.1	9.2	6.3	-
28511	Paints, varnishes, lacquers, enamels, and shellacs.....	18	100.0	10.7	11.4	16.1	4.7	41.4	8.9	6.8	-
30	Rubber and miscellaneous plastics products.....	91	100.0	1.4	3.4	1.9	7.8	39.1	15.9	30.5	-
307	Miscellaneous plastic products.....	91	100.0	1.4	3.4	1.9	7.8	39.1	15.9	30.5	-
3071	Miscellaneous plastic products.....	91	100.0	1.4	3.4	1.9	7.8	39.1	15.9	30.5	-
30714	Unsupported vinyl and polyethylene film and sheeting.....	15	100.0	1.3	5.1	2.1	7.7	61.6	14.5	7.7	-
30719	Fabricated plastics products, n.e.c. (including footwear made wholly of plastic).....	68	100.0	1.4	3.1	1.6	8.1	34.0	17.2	34.6	-
31	Leather and leather products.....	54	100.0	.8	3.8	1.4	4.6	17.3	19.9	52.2	-
316	Luggage and handbags (all materials), and other personal leather goods.....	29	100.0	.7	2.3	1.1	5.4	19.7	18.6	52.2	-
3161	Luggage and handbags (all materials), and other personal leather goods.....	29	100.0	.7	2.3	1.1	5.4	19.7	18.6	52.2	-
31611	Luggage, all materials.....	29	100.0	.7	2.3	1.1	5.4	19.7	18.6	52.2	-

See footnote at end of table.

TABLE 2. Percent Distribution of Commodities, by Distance of Shipment: 1967--Continued

TCC code	Commodity	Number	Percent distribution by distance of shipment								Sampling variability code ¹
			All distances	Under 100 miles	100 to 199 miles	200 to 299 miles	300 to 499 miles	500 to 999 miles	1,000 to 1,499 miles	1,500 miles or over	
	TON-MILES OF SHIPMENTS--Con.	(millions of ton-miles)									
329	Abrasives, asbestos, and miscellaneous nonmetallic mineral products.....	20	100.0	2.9	6.6	9.4	11.5	26.1	20.6	22.9	-
33	Primary metal products.....	245	100.0	5.0	5.6	2.5	6.2	26.8	15.9	38.0	-
333	Nonferrous metals primary smelter products (slab, ingot, pig, etc., and residues).....	69	100.0	10.6	10.6	.1	6.0	25.3	4.8	42.6	-
3339	Miscellaneous primary nonferrous and nonferrous base alloy basic metal products (anodes, cathodes, billets, blooms, pig, slab, or ingot, etc.).....	1	100.0	11.0	34.7	-	-	54.3	-	-	-
335	Nonferrous metal basic shapes.....	164	100.0	2.7	2.6	3.5	6.6	27.2	20.6	36.8	-
3356	Miscellaneous nonferrous metal basic shapes (plate, sheet, strip, rods, bars, pipe, and tubing).....	5	100.0	3.2	5.7	6.7	2.3	18.5	62.3	1.3	-
3357	Nonferrous wire (including insulated wire).....	134	100.0	1.5	2.4	3.9	5.3	21.4	20.5	45.0	-
33574	Wire and cable, insulated, enameled or covered.....	124	100.0	1.3	2.0	3.8	4.9	18.6	21.8	47.6	-
34	Fabricated metal products.....	214	100.0	2.6	4.8	2.9	14.3	19.5	19.1	36.8	-
355	Special industry machinery (except metalworking machinery).....	20	100.0	.9	1.6	4.6	4.4	36.4	22.5	29.6	-
36	Electrical machinery and equipment.....	177	100.0	1.6	4.4	3.2	5.0	36.6	14.6	34.6	-
363	Household appliances.....	24	100.0	1.1	3.2	1.4	8.4	25.3	11.9	48.7	-
364	Electric lighting and wiring equipment..	90	100.0	1.4	6.3	5.5	4.7	44.4	13.0	24.7	-
3642	Lighting fixtures.....	11	100.0	2.2	5.1	2.4	8.5	30.6	24.4	26.8	-
366	Communication equipment.....	1	100.0	1.2	2.0	2.1	.9	9.7	9.4	74.7	-
3662	Radio and television transmitting, signaling, and detection equipment and apparatus.....	1	100.0	1.2	2.1	2.1	.9	10.0	9.7	74.0	-
36621	Radio and television transmitting, signaling, and detection equipment and apparatus.....	1	100.0	1.2	2.1	2.1	.9	10.0	9.7	74.0	-
3679	Miscellaneous electronic components and accessories.....	4	100.0	1.0	1.5	.9	2.8	11.7	10.9	71.2	-
36791	Miscellaneous electronic components and accessories.....	4	100.0	1.0	1.5	.9	2.8	11.7	10.9	71.2	-
38	Instruments, photographic goods, optical goods, watches, and clocks.....	17	100.0	.8	1.1	2.0	5.0	32.1	24.2	34.8	-
386	Photographic equipment and supplies.....	5	100.0	.5	1.0	1.6	7.2	17.4	13.1	59.2	-
3861	Photographic equipment and supplies.....	5	100.0	.5	1.0	1.6	7.2	17.4	13.1	59.2	-
39	Miscellaneous products of manufacturing.	218	100.0	1.0	3.1	3.4	7.0	23.7	12.9	48.9	-

¹Code letter indicates a sampling variability range as follows: a, 0-9 percent; b, 10-19 percent; c, 20-29 percent; and d, 30-50 percent. The variability for ton-miles has not been estimated.

TABLE 3. Percent Distribution of Commodities, by Geographic Division of Destination: 1967

TCC code	Commodity	Number	Percent distribution by geographic division ¹ of destination										Sampling variability code ³
			All means of transport	New England	Middle Atlantic	East North Central	West North Central	South Atlantic	East South Central	West South Central	Mountain	Pacific ²	
	TONS OF SHIPMENTS	(thous. of tons)											
	Production Area 03, total.....	6,853	100.0	11.7	47.7	14.1	3.1	13.4	1.7	2.9	1.3	4.1	-
20	Food and kindred products.....	1,974	100.0	12.7	58.3	10.9	1.0	14.7	.5	1.1	.1	.7	b
22	Basic textiles.....	70	100.0	3.7	18.0	31.6	3.6	19.8	.8	5.3	.8	16.4	d
23	Apparel, including knit apparel, and other finished textile products.....	308	100.0	8.7	23.6	22.0	6.4	19.6	3.1	4.4	2.7	9.5	b
25	Furniture and fixtures.....	70	100.0	15.3	29.9	13.0	2.2	21.4	1.7	5.7	1.0	9.8	d
26	Pulp, paper, and allied products.....	366	100.0	9.7	47.8	15.6	4.2	9.7	3.2	2.2	5.1	2.5	c
28	Chemicals and allied products.....	655	100.0	15.8	38.3	10.6	4.1	22.0	1.9	3.4	1.1	2.8	b
30	Rubber and miscellaneous plastics products.....	172	100.0	14.0	35.0	17.6	2.3	14.6	5.7	5.2	.5	5.1	d
31	Leather and leather products.....	64	100.0	13.9	22.6	16.9	4.7	11.8	3.4	8.9	4.4	13.4	c
33	Primary metal products.....	682	100.0	8.3	58.2	11.8	1.2	9.7	2.0	3.0	2.1	3.7	b
34	Fabricated metal products.....	450	100.0	12.6	41.6	16.8	2.4	11.2	2.7	5.5	3.8	3.4	c
36	Electrical machinery and equipment.....	307	100.0	8.1	29.8	27.8	1.9	17.9	2.6	4.0	.6	7.3	c
38	Instruments, photographic goods, optical goods, watches, and clocks.....	22	100.0	5.6	26.3	18.2	10.9	10.6	7.9	10.1	2.4	8.0	c
39	Miscellaneous products of manufacturing	309	100.0	5.7	25.8	26.1	6.4	16.8	2.4	2.5	3.0	11.3	c
	TON-MILES OF SHIPMENTS	(millions of ton-miles)											
	Production Area 03, total.....	2,799	100.0	4.1	10.3	20.7	7.9	13.3	3.3	9.6	6.0	24.8	-
20	Food and kindred products.....	464	100.0	7.6	25.0	25.4	4.2	20.9	1.5	6.7	.9	7.8	-
22	Basic textiles.....	59	100.0	.8	1.5	21.2	4.3	12.7	.7	9.2	1.9	47.7	-
23	Apparel, including knit apparel, and other finished textile products.....	217	100.0	1.9	3.4	19.6	9.5	13.2	3.3	8.7	7.1	33.3	-
25	Furniture and fixtures.....	43	100.0	3.3	3.2	13.3	3.7	17.9	2.4	13.1	3.4	39.7	-
26	Pulp, paper, and allied products.....	170	100.0	2.5	7.5	21.8	10.5	11.0	5.2	6.4	21.8	13.3	-
28	Chemicals and allied products.....	271	100.0	5.4	10.0	15.1	10.1	23.1	3.8	11.3	4.7	16.5	-
30	Rubber and miscellaneous plastics products.....	91	100.0	8.7	3.6	21.0	4.5	14.4	8.3	13.7	1.7	24.1	-
31	Leather and leather products.....	54	100.0	2.9	3.1	12.2	5.7	8.4	3.5	14.5	9.4	40.3	-
33	Primary metal products.....	245	100.0	2.9	9.6	20.2	3.6	11.5	3.6	10.7	12.3	25.6	-
34	Fabricated metal products.....	214	100.0	2.9	8.7	20.1	4.9	9.0	5.7	15.5	15.0	18.2	-
36	Electrical machinery and equipment.....	177	100.0	2.1	4.4	32.3	3.6	10.9	4.2	9.5	1.9	31.1	-
38	Instruments, photographic goods, optical goods, watches, and clocks.....	17	100.0	1.1	3.3	15.6	14.0	8.2	7.6	17.5	6.2	26.5	-
39	Miscellaneous products of manufacturing	218	100.0	1.3	3.4	22.5	9.9	8.3	2.4	5.1	7.7	39.4	-

¹States included in the geographic divisions are as follows: NEW ENGLAND--Maine, New Hampshire, Vermont, Massachusetts, Rhode Island, and Connecticut; MIDDLE ATLANTIC--New York, New Jersey, and Pennsylvania; EAST NORTH CENTRAL--Ohio, Indiana, Illinois, Michigan, and Wisconsin; WEST NORTH CENTRAL--Minnesota, Iowa, Missouri, North Dakota, South Dakota, Nebraska, and Kansas; SOUTH ATLANTIC--Delaware, Maryland, District of Columbia, Virginia, West Virginia, North Carolina, South Carolina, Georgia, and Florida; EAST SOUTH CENTRAL--Kentucky, Tennessee, Alabama, and Mississippi; WEST SOUTH CENTRAL--Arkansas, Louisiana, Oklahoma, and Texas; MOUNTAIN--Montana, Idaho, Wyoming, Colorado, New Mexico, Arizona, Utah, and Nevada; PACIFIC--Washington, Oregon, California, Alaska, and Hawaii.

²Shipments to Alaska and Hawaii from the 48 conterminous States and the District of Columbia are included; no data were obtained for shipments originating in Alaska and Hawaii.

³Code letter indicates a sampling variability range as follows: a, 0-9 percent; b, 10-19 percent; c, 20-29 percent; and d, 30-50 percent. The variability for ton-miles has not been estimated.

TABLE 4. Percent Distribution of Commodities, by Production Area of Destination: 1967

TCC code	Commodity	Number	Percent distribution by production area ¹ of destination							
			Total	1 (BOST)	2 (HART)	3 ² (NYNY)	4 (N. NJ)	5 (PHIL)	6 (BALT)	7 (ALLN)
	TONS OF SHIPMENTS	(thousands of tons)								
	Production Area 03, total.....	6,853	100.0	4.4	4.1	11.4	11.6	7.7	2.0	1.7
20	Food and kindred products.....	1,974	100.0	4.8	4.7	9.8	11.2	10.9	1.5	4.1
201	Meat, poultry, and small game; fresh, chilled or frozen.....	77	100.0	1.0	1.7	24.9	17.7	5.6	.7	.1
2013	Meat products.....	30	100.0	1.6	1.4	29.0	12.6	.4	-	-
20132	Meats and sausage, cooked, cured, dried, smoked, or salted.....	27	100.0	1.7	1.6	23.0	13.8	.5	-	-
203	Canned and preserved fruits, vegetables, and seafoods.....	31	100.0	6.1	1.4	8.4	10.8	7.8	4.2	-
207	Confectionery and related products.....	190	100.0	3.4	2.1	2.2	4.6	8.7	2.5	.2
2071	Confectionery and related products.....	190	100.0	3.4	2.1	2.2	4.6	8.7	2.5	.2
20711	Candy (bars, bulk, packaged).....	99	100.0	4.5	2.7	2.6	4.6	10.1	1.0	.3
208	Beverages and flavoring extracts.....	657	100.0	8.2	8.7	20.1	13.4	11.5	1.7	6.0
2087	Miscellaneous flavoring extracts, sirups, and flavoring compounds (except chocolate sirups).....	107	100.0	6.5	1.8	9.3	11.9	12.8	1.9	1.1
20871	Flavoring extracts, emulsions, and flavoring compounds.....	107	100.0	6.5	1.8	9.3	11.9	12.8	1.9	1.1
209	Miscellaneous food preparations and kindred products.....	59	100.0	5.2	5.6	4.5	15.4	4.7	3.9	3.1
22	Basic textiles.....	70	100.0	1.6	1.0	8.7	3.5	1.5	1.6	-
23	Apparel, including knit apparel, and other finished textile products.....	308	100.0	4.6	2.4	6.2	3.3	4.4	2.7	.5
231	Men's, youths', and boys' clothing.....	42	100.0	5.8	4.2	5.9	2.2	2.0	.2	1.1
2311	Men's, youths', and boys' clothing.....	42	100.0	5.8	4.2	5.9	2.2	2.0	.2	1.1
23111	Men's, youths', and boys' coats, overcoats, and suits.....	42	100.0	5.8	4.2	5.9	2.2	2.0	.2	1.1
233	Women's, misses', girls', and infants' clothing.....	151	100.0	4.8	1.4	3.6	3.5	3.7	1.9	.2
2331	Women's, misses', girls', and infants' clothing.....	151	100.0	4.8	1.4	3.6	3.5	3.7	1.9	.2
23311	Women's, misses', girls', and infants' clothing.....	151	100.0	4.8	1.4	3.6	3.5	3.7	1.9	.2
235	Millinery, caps and hats.....	18	100.0	7.0	1.1	35.1	2.6	5.7	.5	.8
239	Miscellaneous fabricated textile products.....	93	100.0	3.4	3.4	4.8	3.8	6.3	5.4	.7
25	Furniture and fixtures.....	70	100.0	8.3	5.6	11.6	5.8	4.9	.7	.8
251	Household and office furniture.....	50	100.0	9.1	6.9	13.8	5.9	6.2	.7	.2
254	Partitions, shelving, lockers, and office and store fixtures.....	20	100.0	6.2	2.4	6.0	5.5	1.9	.8	2.3
26	Pulp, paper, and allied products.....	366	100.0	2.5	4.1	11.9	14.4	5.0	1.4	.8
264	Converted paper and paperboard products (except containers and boxes).....	200	100.0	3.8	3.9	3.9	5.3	4.6	2.1	1.3
2649	Miscellaneous converted paper products and paperboard products.....	31	100.0	7.6	8.1	1.6	1.2	10.8	5.7	4.2
28	Chemicals and allied products.....	655	100.0	6.6	3.7	7.4	8.9	6.2	4.4	.4
282	Plastic materials and plasticizers, synthetic resins, rubbers, and fibers.....	118	100.0	6.1	2.8	17.4	14.8	1.2	.3	.2
2821	Plastic materials and plasticizers, synthetic resins, rubbers, and fibers.....	118	100.0	6.1	2.8	17.4	14.8	1.2	.3	.2
28211	Plastic materials and plasticizers, synthetic resins, and nonvulcanizable elastomers.....	118	100.0	6.1	2.8	17.4	14.8	1.2	.3	.2

See footnotes at end of table.

TABLE 4. Percent Distribution of Commodities, by Production Area of Destination: 1967--Continued

TCC code	Commodity	Percent distribution by production area ¹ of destination--Continued									
		8 (HARR)	9 (SYRA)	10 (BUFF)	11 (CLEV)	12 (PITT)	13 (DETR)	14 (CINC)	15 (CHIC)	16 (MILW)	17 (M-SP)
	TONS OF SHIPMENTS										
	Production Area 03, total.....	1.3	2.9	2.3	1.9	1.5	2.7	0.5	3.5	0.5	0.7
20	Food and kindred products.....	1.9	4.8	3.1	2.3	.8	4.2	.4	.8	.1	.1
201	Meat, poultry, and small game; fresh, chilled or frozen.....	-	14.0	3.2	3.7	.7	.3	-	1.9	-	-
2013	Meat products.....	-	8.9	4.4	-	.9	.9	-	2.9	-	-
20132	Meats and sausage, cooked, cured, dried, smoked, or salted.....	-	9.8	4.9	-	1.0	1.0	-	3.2	-	-
203	Canned and preserved fruits, vege- tables, and seafoods.....	.2	1.2	1.5	5.9	1.6	1.2	.3	1.0	-	-
207	Confectionery and related products.....	.2	.4	.8	14.1	.5	1.5	.7	4.4	.6	.6
2071	Confectionery and related products.....	.2	.4	.8	14.1	.5	1.5	.7	4.4	.6	.6
20711	Candy (bars, bulk, packaged).....	.4	.3	1.0	13.9	.7	1.1	.4	4.1	1.1	.6
208	Beverages and flavoring extracts.....	.8	2.0	1.7	.6	.9	-	-	.1	-	-
2087	Miscellaneous flavoring extracts, sirups, and flavoring compounds (except chocolate sirups).....	-	5.1	4.0	3.8	4.9	-	-	.5	-	-
20871	Flavoring extracts, emulsions, and flavoring compounds.....	-	5.1	4.0	3.8	4.9	-	-	.5	-	-
209	Miscellaneous food preparations and kindred products.....	1.4	9.8	1.6	.1	1.4	.2	.8	6.6	1.2	.6
22	Basic textiles.....	1.6	-	1.2	3.4	.1	11.2	1.5	2.6	.6	.8
23	Apparel, including knit apparel, and other finished textile products.....	.7	1.4	1.6	2.2	1.5	3.1	.9	7.7	1.8	2.0
231	Men's, youths', and boys' clothing.....	.4	1.5	1.7	1.8	1.4	5.9	.5	14.3	1.4	1.9
2311	Men's, youths', and boys' clothing.....	.4	1.5	1.7	1.8	1.4	5.9	.5	14.3	1.4	1.9
23111	Men's, youths', and boys' coats, over- coats, and suits.....	.4	1.5	1.7	1.8	1.4	5.9	.5	14.3	1.4	1.9
233	Women's, misses', girls', and infants' clothing.....	.6	.9	1.7	2.6	1.3	3.7	.8	7.6	2.1	3.3
2331	Women's, misses', girls', and infants' clothing.....	.6	.9	1.7	2.6	1.3	3.7	.8	7.6	2.1	3.3
23311	Women's, misses', girls', and infants' clothing.....	.6	.9	1.7	2.6	1.3	3.7	.8	7.6	2.1	3.3
235	Millinery, caps and hats.....	.1	.9	1.1	1.0	1.9	1.6	1.5	11.6	.2	.1
239	Miscellaneous fabricated textile products.....	.9	2.2	1.5	2.1	1.8	1.0	1.0	4.1	1.7	.3
25	Furniture and fixtures.....	.1	.3	1.1	2.0	.6	1.6	.6	5.3	.7	.3
251	Household and office furniture.....	.1	.2	.9	.5	.7	1.9	.8	6.6	.9	.4
254	Partitions, shelving, lockers, and office and store fixtures.....	.1	.6	1.8	5.5	.4	.9	-	2.0	-	-
26	Pulp, paper, and allied products.....	1.1	.9	2.2	1.4	.5	1.4	.3	5.8	1.0	.8
264	Converted paper and paperboard products (except containers and boxes).....	1.9	1.0	2.6	2.2	.6	2.5	.5	2.9	1.7	1.4
2649	Miscellaneous converted paper products and paperboard products.....	.6	1.5	2.3	3.2	2.8	.3	1.4	6.4	10.6	2.5
28	Chemicals and allied products.....	1.6	1.7	3.3	2.0	2.6	1.3	.7	2.9	.1	.3
282	Plastic materials and plasticizers, synthetic resins, rubbers, and fibers.	3.0	.1	1.6	.5	10.3	.2	-	2.5	.2	-
2821	Plastic materials and plasticizers, synthetic resins, rubbers, and fibers.	3.0	.1	1.6	.5	10.3	.2	-	2.5	.2	-
28211	Plastic materials and plasticizers, synthetic resins, and nonvulcanizable elastomers.....	3.0	.1	1.6	.5	10.3	.2	-	2.5	.2	-

See footnotes at end of table.

TABLE 4. Percent Distribution of Commodities, by Production Area of Destination: 1967--Continued

TCC code	Commodity	Percent distribution by production area ¹ of destination--Continued									Sampling variability code ³
		18 (STLO)	19 (ATLA)	20 (DALL)	21 (HOUS)	22 (DENV)	23 (SETL)	24 (SANF)	25 (LOSA)	All other	
	TONS OF SHIPMENTS										
	Production Area 03, total.....	0.6	1.0	1.0	0.3	0.3	0.2	0.7	2.4	32.8	-
20	Food and kindred products.....	.2	.7	.7	.1	-	-	.2	.4	32.2	b
201	Meat, poultry, and small game; fresh, chilled or frozen.....	-	.1	-	.7	-	-	.3	4.3	19.1	d
2013	Meat products.....	-	-	-	1.5	-	-	-	3.2	32.3	d
20132	Meats and sausage, cooked, cured, dried, smoked, or salted.....	-	-	-	1.7	-	-	-	3.5	34.3	d
203	Canned and preserved fruits, vegetables, and seafoods.....	.1	.2	-	-	-	-	1.5	-	46.6	d
207	Confectionery and related products.....	1.8	4.6	7.2	.7	.2	.1	.8	1.3	35.8	c
2071	Confectionery and related products.....	1.8	4.6	7.2	.7	.2	.1	.8	1.3	35.8	c
20711	Candy (bars, bulk, packaged).....	3.1	.6	13.5	1.3	.2	.1	.6	.8	30.4	d
208	Beverages and flavoring extracts.....	.1	-	-	-	-	-	.1	.1	24.0	a
2087	Miscellaneous flavoring extracts, sirups, and flavoring compounds (except chocolate sirups).....	.5	-	-	-	-	-	-	.3	35.6	b
20871	Flavoring extracts, emulsions, and flavoring compounds.....	.5	-	-	-	-	-	-	.3	35.6	b
209	Miscellaneous food preparations and kindred products.....	1.6	-	.3	1.3	.3	.2	.5	1.5	28.2	d
22	Basic textiles.....	1.5	7.2	.3	2.4	.1	.1	.8	10.7	36.0	d
23	Apparel, including knit apparel, and other finished textile products.....	1.0	3.9	1.4	.3	1.1	.3	1.8	5.9	37.3	b
231	Men's, youths', and boys' clothing.....	.7	.1	1.2	.9	.1	.6	2.3	2.1	39.8	d
2311	Men's, youths', and boys' clothing.....	.7	.1	1.2	.9	.1	.6	2.3	2.1	39.8	d
23111	Men's, youths', and boys' coats, overcoats, and suits.....	.7	.1	1.2	.9	.1	.6	2.3	2.1	39.8	d
233	Women's, misses', girls', and infants' clothing.....	1.7	2.0	1.6	.2	1.7	.2	2.4	8.7	37.8	c
2331	Women's, misses', girls', and infants' clothing.....	1.7	2.0	1.6	.2	1.7	.2	2.4	8.7	37.8	c
23311	Women's, misses', girls', and infants' clothing.....	1.7	2.0	1.6	.2	1.7	.2	2.4	8.7	37.8	c
235	Millinery, caps and hats.....	.4	.7	1.2	1.3	.2	-	1.8	2.8	18.8	d
239	Miscellaneous fabricated textile products.....	.3	9.2	1.4	-	.7	.2	.8	3.7	39.3	d
25	Furniture and fixtures.....	.7	1.9	3.6	.3	.1	.8	1.6	7.0	33.7	c
251	Household and office furniture.....	.4	.2	4.1	-	.1	.3	2.3	9.4	27.4	c
254	Partitions, shelving, lockers, and office and store fixtures.....	1.4	6.0	2.5	1.0	-	2.0	-	1.0	49.7	c
26	Pulp, paper, and allied products.....	.1	.2	1.4	.1	.1	1.2	.6	.6	40.2	c
264	Converted paper and paperboard products (except containers and boxes).....	.2	.2	2.6	-	.1	2.1	1.1	.8	50.7	c
2649	Miscellaneous converted paper products and paperboard products.....	.6	-	.1	-	.1	-	1.6	1.8	25.0	c
28	Chemicals and allied products.....	.9	1.8	.9	.4	.9	.2	.2	2.0	38.6	c
282	Plastic materials and plasticizers, synthetic resins, rubbers, and fibers.	-	-	-	1.2	.3	.1	.3	.4	36.5	c
2821	Plastic materials and plasticizers, synthetic resins, rubbers, and fibers.	-	-	-	1.2	.3	.1	.3	.4	36.5	c
28211	Plastic materials and plasticizers, synthetic resins, and nonvulcanizable elastomers.....	-	-	-	1.2	.3	.1	.3	.4	36.5	c

See footnotes at end of table.

TABLE 4. Percent Distribution of Commodities, by Production Area of Destination: 1967 --Continued

TCC code	Commodity	Number	Percent distribution by production area ¹ of destination							
			Total	1 (BOST)	2 (HART)	3 ² (NYNY)	4 (N. NJ)	5 (PHIL)	6 (BALT)	7 (ALLN)
	TONS OF SHIPMENTS--Con.	(thousands of tons)								
283	Drugs (biological products, medicinal chemicals, botanical products, and pharmaceutical preparations).....	50	100.0	4.9	0.7	5.5	5.8	5.7	1.2	0.1
2831	Drugs (biological products, medicinal chemicals, botanical products, and pharmaceutical preparations).....	50	100.0	4.9	.7	5.5	5.8	5.7	1.2	.1
28311	Drugs for human use.....	50	100.0	4.9	.7	5.5	5.8	5.7	1.2	.1
284	Soap and detergents, cleaning preparations, perfumes, cosmetics, and other toilet preparations.....	270	100.0	8.3	4.2	6.0	7.8	5.1	9.2	.1
2844	Perfumes, cosmetics, and other toilet preparations.....	77	100.0	1.5	1.1	14.2	4.4	12.0	2.2	.2
28441	Perfumes, cosmetics, and other toilet preparations.....	77	100.0	1.5	1.1	14.2	4.4	12.0	2.2	.2
285	Paints, varnishes, lacquers, enamels, and allied products.....	74	100.0	4.6	6.8	6.8	3.8	19.5	.4	.4
2851	Paints, varnishes, lacquers, enamels, and allied products.....	74	100.0	4.6	6.8	6.8	3.8	19.5	.4	.4
28511	Paints, varnishes, lacquers, enamels, and shellacs.....	70	100.0	4.4	7.2	7.0	3.0	20.6	.5	.4
30	Rubber and miscellaneous plastics products.....	172	100.0	3.4	.9	9.7	15.5	2.8	1.3	.6
307	Miscellaneous plastic products.....	172	100.0	3.4	.9	9.7	15.5	2.8	1.3	.6
3071	Miscellaneous plastic products.....	172	100.0	3.4	.9	9.7	15.5	2.8	1.3	.6
30714	Unsupported vinyl and polyethylene film and sheeting.....	30	100.0	2.9	.1	7.6	6.5	5.1	2.6	.5
30719	Fabricated plastics products, n.e.c. (including footwear made wholly of plastic).....	126	100.0	3.8	1.1	8.6	18.1	2.3	1.0	.7
31	Leather and leather products.....	64	100.0	11.4	1.6	3.7	3.5	4.5	1.4	.6
316	Luggage and handbags (all materials), and other personal leather goods.....	33	100.0	5.6	1.7	3.2	1.6	4.3	1.5	.7
3161	Luggage and handbags (all materials), and other personal leather goods.....	33	100.0	5.6	1.7	3.2	1.6	4.3	1.5	.7
31611	Luggage, all materials.....	33	100.0	5.6	1.7	3.2	1.6	4.3	1.5	.7
329	Abrasives, asbestos, and miscellaneous nonmetallic mineral products.....	47	100.0	7.2	7.5	2.3	7.4	8.3	2.0	.1
33	Primary metal products.....	682	100.0	4.1	2.3	14.3	28.0	7.6	2.7	.4
333	Nonferrous metals primary smelter products (slab, ingot, pig, etc., and residues).....	358	100.0	3.3	1.4	18.8	46.2	5.4	3.9	.5
3339	Miscellaneous primary nonferrous and nonferrous base alloy basic metal products (anodes, cathodes, billets, blooms, pig, slab, or ingot, etc.)....	4	100.0	-	2.2	2.2	-	25.9	51.9	-
335	Nonferrous metal basic shapes.....	281	100.0	3.8	3.2	6.8	6.7	11.2	1.5	.1
3356	Miscellaneous nonferrous metal basic shapes (plate, sheet, strip, rods, bars, pipe, and tubing).....	10	100.0	17.2	5.0	10.3	15.9	4.9	-	.3
3357	Nonferrous wire (including insulated wire).....	193	100.0	3.0	3.4	8.9	3.2	4.7	2.2	.1
33574	Wire and cable, insulated, enameled or covered.....	167	100.0	3.1	3.7	9.9	2.9	5.0	2.2	.1
34	Fabricated metal products.....	450	100.0	4.0	6.5	8.4	11.6	6.3	2.4	.7
355	Special industry machinery (except metalworking machinery).....	29	100.0	3.4	6.3	12.5	1.8	.8	.6	-

See footnotes at end of table.

TABLE 4. Percent Distribution of Commodities, by Production Area of Destination: 1967--Continued

TCC code	Commodity	Percent distribution by production area ¹ of destination--Continued									
		8 (HARR)	9 (SYRA)	10 (BUFF)	11 (CLEV)	12 (PITT)	13 (DETR)	14 (CINC)	15 (CHIC)	16 (MILW)	17 (M-SP)
	TONS OF SHIPMENTS--Con.										
283	Drugs (biological products, medicinal chemicals, botanical products, and pharmaceutical preparations).....	0.9	1.0	1.4	1.7	1.6	0.5	2.8	2.5	0.1	1.8
2831	Drugs (biological products, medicinal chemicals, botanical products, and pharmaceutical preparations).....	.9	1.0	1.4	1.7	1.6	.5	2.8	2.5	.1	1.8
28311	Drugs for human use.....	.9	1.0	1.4	1.7	1.6	.5	2.8	2.6	.1	1.8
284	Soap and detergents, cleaning preparations, perfumes, cosmetics, and other toilet preparations.....	.3	1.4	1.3	2.2	.7	2.4	.5	2.5	.2	.3
2844	Perfumes, cosmetics, and other toilet preparations.....	.3	.5	.7	7.8	1.1	1.9	1.5	8.6	.5	.3
28441	Perfumes, cosmetics, and other toilet preparations.....	.3	.5	.7	7.8	1.1	1.9	1.5	8.6	.5	.3
285	Paints, varnishes, lacquers, enamels, and allied products.....	2.3	3.2	9.4	.3	.5	1.6	2.2	8.3	.1	-
2851	Paints, varnishes, lacquers, enamels, and allied products.....	2.3	3.2	9.4	.3	.5	1.6	2.2	8.3	.1	-
28511	Paints, varnishes, lacquers, enamels, and shellacs.....	2.4	3.4	8.1	.2	.6	1.1	2.1	8.3	.1	-
30	Rubber and miscellaneous plastics products.....	1.7	.7	.9	1.8	.6	1.5	.7	7.8	.3	.3
307	Miscellaneous plastic products.....	1.7	.7	.9	1.8	.6	1.5	.7	7.8	.3	.3
3071	Miscellaneous plastic products.....	1.7	.7	.9	1.8	.6	1.5	.7	7.8	.3	.3
30714	Unsupported vinyl and polyethylene film and sheeting.....	2.3	-	.8	2.4	.1	.4	1.5	24.3	-	.8
30719	Fabricated plastics products, n.e.c. (including footwear made wholly of plastic).....	1.7	.8	.6	1.5	.7	1.8	.4	3.3	.4	.2
31	Leather and leather products.....	2.0	.8	1.8	1.7	2.1	2.6	2.6	5.5	.7	1.2
316	Luggage and handbags (all materials), and other personal leather goods.....	2.6	.5	1.5	2.2	3.1	3.9	1.5	8.7	.8	1.4
3161	Luggage and handbags (all materials), and other personal leather goods.....	2.6	.5	1.5	2.2	3.1	3.9	1.5	8.7	.8	1.4
31611	Luggage, all materials.....	2.6	.5	1.5	2.2	3.1	3.9	1.5	8.7	.8	1.4
329	Abrasives, asbestos, and miscellaneous nonmetallic mineral products.....	2.3	.2	1.6	1.4	.9	1.8	.8	4.0	.5	.1
33	Primary metal products.....	.1	2.5	1.2	1.8	1.6	.2	-	3.5	.1	.5
333	Nonferrous metals primary smelter products (slab, ingot, pig, etc., and residues).....	-	2.9	-	.8	.7	-	-	4.2	-	-
3339	Miscellaneous primary nonferrous and nonferrous base alloy basic metal products (anodes, cathodes, billets, blooms, pig, slab, or ingot, etc.)....	-	-	-	-	-	-	-	17.8	-	-
335	Nonferrous metal basic shapes.....	.2	.6	2.7	3.3	2.9	.5	-	2.2	.1	1.2
3356	Miscellaneous nonferrous metal basic shapes (plate, sheet, strip, rods, bars, pipe, and tubing).....	-	.7	-	-	1.1	1.0	-	1.7	1.4	-
3357	Nonferrous wire (including insulated wire).....	.3	-	2.1	2.2	4.2	.6	.1	3.1	-	1.8
33574	Wire and cable, insulated, enameled or covered.....	.3	-	2.4	2.0	4.2	.7	-	3.4	-	2.2
34	Fabricated metal products.....	1.1	.6	1.5	1.8	4.4	6.4	.4	2.1	.6	.3
355	Special industry machinery (except metalworking machinery).....	.3	.8	6.8	.9	.1	1.0	.4	4.6	.2	-

See footnotes at end of table.

TABLE 4. Percent Distribution of Commodities, by Production Area of Destination: 1967--Continued

TCC code	Commodity	Percent distribution by production area ¹ of destination--Continued									Sampling variability code ³
		18 (STLO)	19 (ATLA)	20 (DALL)	21 (HOUS)	22 (DENV)	23 (SETL)	24 (SANF)	25 (LOSA)	All other	
	TONS OF SHIPMENTS--Con.										
283	Drugs (biological products, medicinal chemicals, botanical products, and pharmaceutical preparations).....	0.9	11.3	6.6	1.3	0.3	1.0	0.3	18.1	22.0	c
2831	Drugs (biological products, medicinal chemicals, botanical products, and pharmaceutical preparations).....	.9	11.3	6.6	1.3	.3	1.0	.3	18.1	22.0	c
28311	Drugs for human use.....	.9	11.3	6.6	1.3	.3	1.0	.3	18.1	21.9	c
284	Soap and detergents, cleaning preparations, perfumes, cosmetics, and other toilet preparations.....	.2	1.8	.9	.2	-	.2	.3	1.1	42.8	d
2844	Perfumes, cosmetics, and other toilet preparations.....	.7	3.8	1.4	.6	.1	.7	.6	3.9	29.4	a
28441	Perfumes, cosmetics, and other toilet preparations.....	.7	3.8	1.4	.6	.1	.7	.6	3.9	29.4	a
285	Paints, varnishes, lacquers, enamels, and allied products.....	.2	1.2	.6	.1	-	-	.1	.5	27.1	d
2851	Paints, varnishes, lacquers, enamels, and allied products.....	.2	1.2	.6	.1	-	-	.1	.5	27.1	d
28511	Paints, varnishes, lacquers, enamels, and shellacs.....	.2	1.2	.5	.1	-	-	.1	.5	28.0	d
30	Rubber and miscellaneous plastics products.....	.4	.5	1.1	.6	.1	.2	1.1	2.2	43.3	d
307	Miscellaneous plastic products.....	.4	.5	1.1	.6	.1	.2	1.1	2.2	43.3	d
3071	Miscellaneous plastic products.....	.4	.5	1.1	.6	.1	.2	1.1	2.2	43.3	d
30714	Unsupported vinyl and polyethylene film and sheeting.....	.2	.3	.8	.2	-	-	-	1.4	39.2	d
30719	Fabricated plastics products, n.e.c. (including footwear made wholly of plastic).....	.2	.6	1.3	.7	.1	.3	1.4	2.4	46.0	d
31	Leather and leather products.....	1.3	1.6	1.9	2.0	2.8	.6	2.6	7.0	32.5	c
316	Luggage and handbags (all materials), and other personal leather goods.....	1.7	1.1	2.4	1.2	5.3	1.1	2.6	7.3	32.5	c
3161	Luggage and handbags (all materials), and other personal leather goods.....	1.7	1.1	2.4	1.2	5.3	1.1	2.6	7.3	32.5	c
31611	Luggage, all materials.....	1.7	1.1	2.4	1.2	5.3	1.1	2.6	7.3	32.5	c
329	Abrasives, asbestos, and miscellaneous nonmetallic mineral products.....	.3	1.6	1.1	3.2	.1	.1	.1	1.9	43.2	c
33	Primary metal products.....	.2	.8	.9	-	-	.1	.8	.7	25.6	b
333	Nonferrous metals primary smelter products (slab, ingot, pig, etc., and residues).....	-	-	-	-	-	-	-	-	11.9	b
3339	Miscellaneous primary nonferrous and nonferrous base alloy basic metal products (anodes, cathodes, billets, blooms, pig, slab, or ingot, etc.)....	-	-	-	-	-	-	-	-	-	d
335	Nonferrous metal basic shapes.....	.4	2.0	2.1	-	-	-	2.0	1.5	45.0	c
3356	Miscellaneous nonferrous metal basic shapes (plate, sheet, strip, rods, bars, pipe, and tubing).....	-	-	.2	-	-	-	-	.1	40.2	c
3357	Nonferrous wire (including insulated wire).....	.6	2.9	3.0	-	-	-	2.8	2.2	48.6	c
33574	Wire and cable, insulated, enameled or covered.....	.1	3.4	3.5	-	-	-	3.1	2.5	45.4	d
34	Fabricated metal products.....	.5	.5	1.1	.7	.8	.2	.1	3.0	33.9	c
355	Special industry machinery (except metalworking machinery).....	8.2	.2	1.1	.6	-	.2	2.6	2.3	44.3	d

See footnotes at end of table.

TABLE 4. Percent Distribution of Commodities, by Production Area of Destination: 1967 --Continued

TCC code	Commodity	Number	Percent distribution by production area ¹ of destination							
			Total	1 (BOST)	2 (HART)	3 ² (NYNY)	4 (N. NJ)	5 (PHIL)	6 (BALT)	7 (ALLN)
	TONS OF SHIPMENTS--Con.	(thousands of tons)								
36	Electrical machinery and equipment.....	307	100.0	6.2	1.2	12.9	3.8	3.8	1.0	0.3
363	Household appliances.....	32	100.0	4.6	2.9	4.2	5.0	4.7	3.8	.7
364	Electric lighting and wiring equipment.....	174	100.0	8.3	1.2	6.6	4.2	2.6	.4	.3
3642	Lighting fixtures.....	21	100.0	8.5	4.2	7.5	6.3	7.2	.6	.6
366	Communication equipment.....	1	100.0	7.2	.3	11.8	2.5	8.9	4.2	-
3662	Radio and television transmitting, signaling, and detection equipment and apparatus.....	1	100.0	7.3	.2	12.0	2.6	9.0	4.3	-
36621	Radio and television transmitting, signaling, and detection equipment and apparatus.....	1	100.0	7.3	.2	12.0	2.6	9.0	4.3	-
3679	Miscellaneous electronic components and accessories.....	4	100.0	4.6	3.7	7.4	5.2	3.0	1.9	1.1
36791	Miscellaneous electronic components and accessories.....	4	100.0	4.6	3.7	7.4	5.2	3.0	1.9	1.1
38	Instruments, photographic goods, optical goods, watches, and clocks.....	22	100.0	3.1	1.7	12.9	3.5	2.1	.4	.2
386	Photographic equipment and supplies....	5	100.0	3.1	1.3	8.7	2.5	2.1	.5	-
3861	Photographic equipment and supplies....	5	100.0	3.1	1.3	8.7	2.5	2.1	.5	-
39	Miscellaneous products of manufacturing	309	100.0	4.0	1.1	6.0	4.4	4.7	2.0	1.5
	TON-MILES OF SHIPMENTS	(millions of ton-miles)								
	Production Area 03, total.....	2,799	100.0	1.9	.7	.7	.6	1.8	.8	.3
20	Food and kindred products.....	464	100.0	3.7	1.3	1.3	1.1	4.7	1.1	1.2
201	Meat, poultry, and small game; fresh, chilled or frozen.....	26	100.0	.5	.3	3.2	2.3	2.1	.5	-
2013	Meat products.....	9	100.0	1.0	.3	2.3	.6	0.1	-	-
20132	Meats and sausage, cooked, cured, dried, smoked, or salted.....	8	100.0	1.0	.3	1.6	.6	.1	-	-
203	Canned and preserved fruits, vegetables, and seafoods.....	12	100.0	2.9	.3	.7	.4	1.7	1.9	-
207	Confectionery and related products.....	111	100.0	1.0	.3	.1	.1	1.3	.8	-
2071	Confectionery and related products.....	111	100.0	1.0	.3	.1	.1	1.3	.8	-
20711	Candy (bars, bulk, packaged).....	67	100.0	1.2	.3	.1	.1	1.2	.2	-
208	Beverages and flavoring extracts.....	82	100.0	11.8	4.3	5.1	3.0	7.8	2.5	3.7
2087	Miscellaneous flavoring extracts, sirups, and flavoring compounds (except chocolate sirups).....	27	100.0	4.5	.5	.7	1.0	4.5	1.3	.4
20871	Flavoring extracts, emulsions, and flavoring compounds.....	27	100.0	4.5	.5	.7	1.0	4.5	1.3	.4
209	Miscellaneous food preparations and kindred products.....	27	100.0	2.1	1.0	.2	.4	.9	1.6	.5
22	Basic textiles.....	59	100.0	.3	.1	.2	.1	.2	.3	-
23	Apparel, including knit apparel, and other finished textile products.....	217	100.0	1.2	.2	.3	.1	.5	.7	.1
231	Men's, youths', and boys' clothing.....	25	100.0	1.8	.5	.2	.1	.3	.1	.1
2311	Men's, youths', and boys' clothing.....	25	100.0	1.8	.5	.2	.1	.3	.1	.1
23111	Men's, youths', and boys' coats, overcoats, and suits.....	25	100.0	1.8	.5	.2	.1	.3	.1	.1
233	Women's, misses', girls', and infants' clothing.....	124	100.0	1.1	.1	.1	.1	.4	.4	-
2331	Women's, misses', girls', and infants' clothing.....	124	100.0	1.1	.1	.1	.1	.4	.4	-
23311	Women's, misses', girls', and infants' clothing.....	124	100.0	1.1	.1	.1	.1	.4	.4	-

See footnotes at end of table.

TABLE 4. Percent Distribution of Commodities, by Production Area of Destination: 1967--Continued

TCC code	Commodity	Percent distribution by production area ¹ of destination--Continued									
		8 (HARR)	9 (SYRA)	10 (BUFF)	11 (CLEV)	12 (PITT)	13 (DETR)	14 (CINC)	15 (CHIC)	16 (MILW)	17 (M-SP)
	TONS OF SHIPMENTS--Con.										
36	Electrical machinery and equipment.....	0.6	0.8	0.8	1.1	1.6	2.2	1.7	11.0	1.1	0.6
363	Household appliances.....	.6	1.4	2.8	1.3	3.9	7.9	.7	12.3	.4	.9
364	Electric lighting and wiring equipment.....	.8	.4	.5	.5	1.4	1.3	.3	11.5	1.6	.3
3642	Lighting fixtures.....	.5	1.1	1.0	2.3	6.4	1.6	.2	8.3	.7	.3
366	Communication equipment.....	.2	.7	.5	.2	-	-	1.1	.8	.3	3.2
3662	Radio and television transmitting, signaling, and detection equipment and apparatus.....	.2	.7	.5	.2	-	-	1.1	.8	.3	3.2
36621	Radio and television transmitting, signaling, and detection equipment and apparatus.....	.2	.7	.5	.2	-	-	1.1	.8	.3	3.2
3679	Miscellaneous electronic components and accessories.....	-	.1	.6	1.8	-	1.4	3.4	2.1	.1	.3
36791	Miscellaneous electronic components and accessories.....	-	.1	.6	1.8	-	1.4	3.4	2.1	.1	.3
38	Instruments, photographic goods, opti- cal goods, watches, and clocks.....	.2	.3	4.9	2.1	.7	2.1	1.1	4.4	.9	2.7
386	Photographic equipment and supplies....	.1	.2	6.8	5.4	1.1	1.3	1.1	6.7	1.1	2.4
3861	Photographic equipment and supplies....	.1	.2	6.8	5.4	1.1	1.3	1.1	6.7	1.1	2.4
39	Miscellaneous products of manufacturing	1.6	.8	1.5	3.6	1.5	1.9	1.5	7.5	3.1	1.1
	TON-MILES OF SHIPMENTS										
	Production Area 03, total.....	.5	1.1	1.5	1.8	1.2	3.3	.7	6.1	.8	1.6
20	Food and kindred products.....	1.2	3.3	3.7	4.0	1.1	8.9	1.0	2.4	.3	.5
201	Meat, poultry, and small game; fresh, chilled or frozen.....	-	8.9	2.7	5.1	.6	.5	-	4.1	-	-
2013	Meat products.....	-	5.3	3.8	-	1.0	1.4	-	7.1	-	-
20132	Meats and sausage, cooked, cured, dried, smoked, or salted.....	-	5.4	3.9	-	1.1	1.5	-	7.1	-	-
203	Canned and preserved fruits, vege- tables, and seafoods.....	.1	.4	1.1	6.3	1.3	1.5	.5	1.9	-	-
207	Confectionery and related products.....	.1	.1	.4	9.8	.3	1.3	.7	5.5	.7	1.1
2071	Confectionery and related products.....	.1	.1	.4	9.8	.3	1.3	.7	5.5	.7	1.1
20711	Candy (bars, bulk, packaged).....	.1	.1	.4	8.1	.3	.8	.4	4.3	1.2	.8
208	Beverages and flavoring extracts.....	.9	2.4	3.9	2.0	2.4	.1	-	.8	-	-
2087	Miscellaneous flavoring extracts, sirups, and flavoring compounds (except chocolate sirups).....	-	3.5	4.5	5.9	6.4	-	-	1.5	-	-
20871	Flavoring extracts, emulsions, and flavoring compounds.....	-	3.5	4.5	5.9	6.4	-	-	1.5	-	-
209	Miscellaneous food preparations and kindred products.....	.5	3.2	1.0	.1	1.0	.2	1.1	10.5	1.9	1.4
22	Basic textiles.....	.3	-	.4	1.7	-	6.5	1.0	2.2	.5	.9
23	Apparel, including knit apparel, and other finished textile products.....	.1	.3	.6	1.2	.7	2.1	.7	7.8	1.8	2.8
231	Men's, youths', and boys' clothing.....	.1	.4	.8	1.0	.8	4.8	.5	17.3	1.8	3.2
2311	Men's, youths', and boys' clothing.....	.1	.4	.8	1.0	.8	4.8	.5	17.3	1.8	3.2
23111	Men's, youths', and boys' coats, over- coats, and suits.....	.1	.4	.8	1.0	.8	4.8	.5	17.3	1.8	3.2
233	Women's, misses', girls', and infants' clothing.....	.1	.2	.6	1.2	.5	2.2	.6	6.6	1.9	4.0
2331	Women's, misses', girls', and infants' clothing.....	.1	.2	.6	1.2	.5	2.2	.6	6.6	1.9	4.0
23311	Women's, misses', girls', and infants' clothing.....	.1	.2	.6	1.2	.5	2.2	.6	6.6	1.9	4.0

See footnotes at end of table.

TABLE 4. Percent Distribution of Commodities, by Production Area of Destination: 1967--Continued

TCC code	Commodity	Percent distribution by production area ¹ of destination--Continued									Sampling variability code ³
		18 (STLO)	19 (ATLA)	20 (DALL)	21 (HOUS)	22 (DENV)	23 (SETL)	24 (SANF)	25 (LOSA)	All other	
	TONS OF SHIPMENTS--Con.										
36	Electrical machinery and equipment.....	0.3	1.8	1.2	0.8	0.3	1.3	0.8	3.7	39.1	c
363	Household appliances.....	.5	.9	1.8	.5	1.6	1.4	.4	9.6	25.2	d
364	Electric lighting and wiring equipment.....	.1	2.3	1.1	1.1	.1	1.8	.5	.9	49.9	d
3642	Lighting fixtures.....	.2	5.0	5.3	.4	.1	.2	1.3	1.8	28.4	d
366	Communication equipment.....	.1	-	.4	-	-	-	.8	1.0	55.8	d
3662	Radio and television transmitting, signaling, and detection equipment and apparatus.....	.1	-	.4	-	-	-	.3	.7	56.1	d
36621	Radio and television transmitting, signaling, and detection equipment and apparatus.....	.1	-	.4	-	-	-	.3	.7	56.1	d
3679	Miscellaneous electronic components and accessories.....	.9	1.4	1.6	.9	.1	.3	3.2	21.5	33.4	d
36791	Miscellaneous electronic components and accessories.....	.9	1.4	1.6	.9	.1	.3	3.2	21.5	33.4	d
38	Instruments, photographic goods, optical goods, watches, and clocks.....	5.5	2.1	3.1	1.1	.9	.7	2.1	3.9	37.3	c
386	Photographic equipment and supplies....	1.1	2.7	2.5	.1	1.2	.9	3.0	10.3	33.8	d
3861	Photographic equipment and supplies....	1.1	2.7	2.5	.1	1.2	.9	3.0	10.3	33.8	d
39	Miscellaneous products of manufacturing	.3	1.4	1.1	.2	1.3	.4	.6	6.8	40.1	c
	TON-MILES OF SHIPMENTS										
	Production Area 03, total.....	1.3	1.9	3.3	1.0	1.3	1.4	4.2	14.4	45.8	-
20	Food and kindred products.....	.9	2.2	4.2	.8	.2	.1	1.7	3.9	45.2	-
201	Meat, poultry, and small game; fresh, chilled or frozen.....	-	.3	-	2.9	-	-	2.0	32.0	32.0	-
2013	Meat products.....	-	-	-	7.5	-	-	-	27.0	42.6	-
20132	Meats and sausage, cooked, cured, dried, smoked, or salted.....	-	-	-	7.5	-	-	-	27.2	42.7	-
203	Canned and preserved fruits, vegetables, and seafoods.....	.2	.5	-	-	-	-	9.8	-	68.5	-
207	Confectionery and related products.....	2.7	6.0	17.3	1.8	.4	.3	3.4	5.2	39.3	-
2071	Confectionery and related products.....	2.7	6.0	17.3	1.8	.4	.3	3.4	5.2	39.3	-
20711	Candy (bars, bulk, packaged).....	4.0	.6	27.7	2.7	.6	.4	2.3	2.9	39.2	-
208	Beverages and flavoring extracts.....	.6	-	-	-	-	-	1.9	1.9	44.9	-
2087	Miscellaneous flavoring extracts, sirups, and flavoring compounds (except chocolate sirups).....	1.6	.1	-	-	-	-	.4	2.7	60.5	-
20871	Flavoring extracts, emulsions, and flavoring compounds.....	1.6	.1	-	-	-	-	.4	2.7	60.5	-
209	Miscellaneous food preparations and kindred products.....	3.1	-	1.0	4.1	1.0	1.2	2.7	8.2	51.1	-
22	Basic textiles.....	1.6	6.4	.5	4.1	.1	.4	2.3	31.1	38.8	-
23	Apparel, including knit apparel, and other finished textile products.....	1.3	4.2	2.8	.7	2.6	.9	6.6	20.4	39.3	-
231	Men's, youths', and boys' clothing.....	1.0	.1	2.8	2.1	.4	2.3	9.8	8.5	39.2	-
2311	Men's, youths', and boys' clothing.....	1.0	.1	2.8	2.1	.4	2.3	9.8	8.5	39.2	-
23111	Men's, youths', and boys' coats, overcoats, and suits.....	1.0	.1	2.8	2.1	.4	2.3	9.8	8.5	39.2	-
233	Women's, misses', girls', and infants' clothing.....	1.8	1.8	2.6	.4	3.4	.7	7.3	25.9	36.0	-
2331	Women's, misses', girls', and infants' clothing.....	1.8	1.8	2.6	.4	3.4	.7	7.3	25.9	36.0	-
23311	Women's, misses', girls', and infants' clothing.....	1.8	1.8	2.6	.4	3.4	.7	7.3	25.9	36.0	-

See footnotes at end of table.

TABLE 4. Percent Distribution of Commodities, by Production Area of Destination: 1967 --Continued

TCC code	Commodity	Number	Percent distribution by production area ¹ of destination							
			Total	1 (BOST)	2 (HART)	3 ² (NYNY)	4 (N. NJ)	5 (PHIL)	6 (BALT)	7 (ALLN)
	TON-MILES OF SHIPMENTS--Con.	(millions of ton-miles)								
235	Millinery, caps and hats.....	9	100.0	2.6	0.2	4.1	0.1	1.1	0.2	0.1
239	Miscellaneous fabricated textile products.....	57	100.0	1.0	.2	.1	.1	1.0	1.6	.1
25	Furniture and fixtures.....	43	100.0	2.3	.7	.4	.2	.7	.2	.1
251	Household and office furniture.....	31	100.0	2.4	.8	.5	.2	.9	.2	-
254	Partitions, shelving, lockers, and office and store fixtures.....	12	100.0	1.9	.3	.3	.2	.3	.3	.4
26	Pulp, paper, and allied products.....	170	100.0	1.0	.6	.6	.5	1.0	.5	.2
264	Converted paper and paperboard products (except containers and boxes).....	133	100.0	1.0	.5	.1	.2	.6	.6	.2
2649	Miscellaneous converted paper products and paperboard products.....	14	100.0	2.9	1.6	.1	-	2.0	2.2	.9
28	Chemicals and allied products.....	271	100.0	2.8	.6	.4	.5	1.3	1.7	.1
282	Plastic materials and plasticizers, synthetic resins, rubbers, and fibers.	45	100.0	2.5	.6	.8	1.0	.3	.2	-
2821	Plastic materials and plasticizers, synthetic resins, rubbers, and fibers.	45	100.0	2.5	.6	.8	1.0	.3	.2	-
28211	Plastic materials and plasticizers, synthetic resins, and nonvulcanizable elastomers.....	45	100.0	2.5	.6	.8	1.0	.3	.2	-
283	Drugs (biological products, medicinal chemicals, botanical products, and pharmaceutical preparations).....	48	100.0	.9	.1	.2	.2	.4	.2	-
2831	Drugs (biological products, medicinal chemicals, botanical products, and pharmaceutical preparations).....	48	100.0	.9	.1	.2	.2	.4	.2	-
28311	Drugs for human use.....	48	100.0	.9	.1	.2	.2	.4	.2	-
284	Soap and detergents, cleaning preparations, perfumes, cosmetics, and other toilet preparations.....	115	100.0	3.5	.7	.4	.4	1.3	3.5	-
2844	Perfumes, cosmetics, and other toilet preparations.....	47	100.0	.4	.2	.6	.1	2.4	.7	-
28441	Perfumes, cosmetics, and other toilet preparations.....	47	100.0	.4	.2	.6	.1	2.4	.7	-
285	Paints, varnishes, lacquers, enamels, and allied products.....	20	100.0	3.0	2.0	1.1	.3	5.8	.3	.1
2851	Paints, varnishes, lacquers, enamels, and allied products.....	20	100.0	3.0	2.0	1.1	.3	5.8	.3	.1
28511	Paints, varnishes, lacquers, enamels, and shellacs.....	18	100.0	3.0	2.1	1.1	.3	6.2	.3	.1
30	Rubber and miscellaneous plastics products.....	91	100.0	1.2	.2	.4	.4	.5	.4	.1
307	Miscellaneous plastic products.....	91	100.0	1.2	.2	.4	.4	.5	.4	.1
3071	Miscellaneous plastic products.....	91	100.0	1.2	.2	.4	.4	.5	.4	.1
30714	Unsupported vinyl and polyethylene film and sheeting.....	15	100.0	1.0	-	.4	.3	.9	.9	.1
30719	Fabricated plastics products, n.e.c. (including footwear made wholly of plastic).....	68	100.0	1.3	.2	.4	.4	.4	.3	.1
31	Leather and leather products.....	54	100.0	2.5	.2	.1	.1	.4	.3	.1
316	Luggage and handbags (all materials), and other personal leather goods.....	29	100.0	1.1	.2	.1	-	.4	.3	.1
3161	Luggage and handbags (all materials), and other personal leather goods.....	29	100.0	1.1	.2	.1	-	.4	.3	.1
31611	Luggage, all materials.....	29	100.0	1.1	.2	.1	-	.4	.3	.1

See footnotes at end of table.

TABLE 4. Percent Distribution of Commodities, by Production Area of Destination: 1967--Continued

TCC code	Commodity	Percent distribution by production area ¹ of destination--Continued									
		8 (HARR)	9 (SYRA)	10 (BUFF)	11 (CLEV)	12 (PITT)	13 (DETR)	14 (CINC)	15 (CHIC)	16 (MILW)	17 (M-SP)
	TON-MILES OF SHIPMENTS--Con.										
235	Millinery, caps and hats.....	-	0.3	0.7	0.8	1.3	1.6	1.9	17.9	0.3	0.1
239	Miscellaneous fabricated textile products.....	0.2	.5	.7	1.4	.9	.8	.9	4.8	2.0	.4
25	Furniture and fixtures.....	-	.1	.5	1.3	.3	1.3	.5	6.2	.8	.4
251	Household and office furniture.....	-	.1	.4	.3	.4	1.5	.7	7.6	1.1	.6
254	Partitions, shelving, lockers, and office and store fixtures.....	-	.2	.8	3.9	.2	.8	-	2.6	-	-
26	Pulp, paper, and allied products.....	.3	.3	1.3	1.1	.4	1.4	.4	8.8	1.5	1.7
264	Converted paper and paperboard products (except containers and boxes).....	.4	.3	1.0	1.3	.3	1.8	.4	3.1	1.9	2.2
2649	Miscellaneous converted paper products and paperboard products.....	.2	.5	1.5	2.8	2.1	.3	1.7	10.3	17.3	5.7
28	Chemicals and allied products.....	.5	.7	2.2	2.0	2.1	1.5	1.0	5.0	.2	.7
282	Plastic materials and plasticizers, synthetic resins, rubbers, and fibers.	1.0	.1	1.3	.5	9.0	.2	-	4.8	.3	-
2821	Plastic materials and plasticizers, synthetic resins, rubbers, and fibers.	1.0	.1	1.3	.5	9.0	.2	-	4.8	.3	-
28211	Plastic materials and plasticizers, synthetic resins, and nonvulcanizable elastomers.....	1.0	.1	1.3	.5	9.0	.2	-	4.8	.3	-
283	Drugs (biological products, medicinal chemicals, botanical products, and pharmaceutical preparations).....	.1	.1	.4	.7	.5	.3	1.7	1.9	.1	1.9
2831	Drugs (biological products, medicinal chemicals, botanical products, and pharmaceutical preparations).....	.1	.1	.4	.7	.5	.3	1.7	1.9	.1	1.9
28311	Drugs for human use.....	.1	.1	.4	.7	.5	.3	1.7	1.9	.1	1.9
284	Soap and detergents, cleaning preparations, perfumes, cosmetics, and other toilet preparations.....	.1	.5	.8	2.2	.6	2.7	.6	4.2	.4	.8
2844	Perfumes, cosmetics, and other toilet preparations.....	.1	.1	.3	5.4	.6	1.5	1.4	10.2	.6	.5
28441	Perfumes, cosmetics, and other toilet preparations.....	.1	.1	.3	5.4	.6	1.5	1.4	10.2	.6	.5
285	Paints, varnishes, lacquers, enamels, and allied products.....	1.3	2.0	9.5	.5	.7	3.0	4.6	22.1	.2	.1
2851	Paints, varnishes, lacquers, enamels, and allied products.....	1.3	2.0	9.5	.5	.7	3.0	4.6	22.1	.2	.1
28511	Paints, varnishes, lacquers, enamels, and shellacs.....	1.4	2.2	8.1	.3	.8	2.1	4.6	22.4	.2	.1
30	Rubber and miscellaneous plastics products.....	.5	.3	.5	1.4	.4	1.4	.8	10.6	.4	.6
307	Miscellaneous plastic products.....	.5	.3	.5	1.4	.4	1.4	.8	10.6	.4	.6
3071	Miscellaneous plastic products.....	.5	.3	.5	1.4	.4	1.4	.8	10.6	.4	.6
30714	Unsupported vinyl and polyethylene film and sheeting.....	.7	-	.5	2.0	-	.4	1.7	34.5	-	1.6
30719	Fabricated plastics products, n.e.c. (including footwear made wholly of plastic).....	.5	.3	.3	1.1	.4	1.6	.4	4.4	.5	.3
31	Leather and leather products.....	.4	.2	.6	.8	.8	1.5	1.8	4.7	.6	1.5
316	Luggage and handbags (all materials), and other personal leather goods.....	.4	.1	.5	1.0	1.1	2.1	.9	7.0	.7	1.6
3161	Luggage and handbags (all materials), and other personal leather goods.....	.4	.1	.5	1.0	1.1	2.1	.9	7.0	.7	1.6
31611	Luggage, all materials.....	.4	.1	.5	1.0	1.1	2.1	.9	7.0	.7	1.6

See footnotes at end of table.

TABLE 4. Percent Distribution of Commodities, by Production Area of Destination: 1967--Continued

TCC code	Commodity	Percent distribution by production area ¹ of destination--Continued									Sampling variability code ³
		18 (STLO)	19 (ATLA)	20 (DALL)	21 (HOUS)	22 (DENV)	23 (SETL)	24 (SANF)	25 (LOSA)	All other	
	TON-MILES OF SHIPMENTS--Con.										
235	Millinery, caps and hats.....	0.8	1.2	3.6	3.9	0.8	0.1	10.0	14.6	31.7	-
239	Miscellaneous fabricated textile products.....	.4	11.4	3.1	.1	2.0	.6	3.2	14.8	47.7	-
25	Furniture and fixtures.....	1.0	2.3	8.2	.7	.2	3.1	6.9	28.3	33.3	-
251	Household and office furniture.....	.6	.2	9.0	.1	.3	1.2	9.4	37.1	24.4	-
254	Partitions, shelving, lockers, and office and store fixtures.....	2.2	7.8	6.0	2.5	-	8.5	.1	4.5	56.2	-
26	Pulp, paper, and allied products.....	.2	.3	4.3	.3	.2	6.1	3.5	3.2	60.3	-
264	Converted paper and paperboard products (except containers and boxes).....	.3	.3	5.5	.1	.2	7.8	4.1	2.8	63.0	-
2649	Miscellaneous converted paper products and paperboard products.....	1.2	-	.3	.1	.4	-	9.0	9.8	27.1	-
28	Chemicals and allied products.....	1.9	3.2	3.2	1.3	3.4	1.2	1.4	11.8	49.3	-
282	Plastic materials and plasticizers, synthetic resins, rubbers, and fibers.	.1	-	.1	4.1	1.2	.9	1.7	2.8	66.5	-
2821	Plastic materials and plasticizers, synthetic resins, rubbers, and fibers.	.1	-	.1	4.1	1.2	.9	1.7	2.8	66.5	-
28211	Plastic materials and plasticizers, synthetic resins, and nonvulcanizable elastomers.....	.1	-	.1	4.1	1.2	.9	1.7	2.8	66.5	-
283	Drugs (biological products, medicinal chemicals, botanical products, and pharmaceutical preparations).....	.9	8.9	9.5	1.9	.6	2.6	.7	45.7	19.5	-
2831	Drugs (biological products, medicinal chemicals, botanical products, and pharmaceutical preparations).....	.9	8.9	9.5	1.9	.6	2.6	.7	45.7	19.5	-
28311	Drugs for human use.....	.9	8.9	9.5	1.9	.6	2.6	.7	45.7	19.5	-
284	Soap and detergents, cleaning preparations, perfumes, cosmetics, and other toilet preparations.....	.4	3.2	2.9	.6	.1	1.2	2.0	6.3	60.6	-
2844	Perfumes, cosmetics, and other toilet preparations.....	1.0	4.7	3.1	1.4	.4	2.9	2.7	15.6	43.1	-
28441	Perfumes, cosmetics, and other toilet preparations.....	1.0	4.7	3.1	1.4	.4	2.9	2.7	15.6	43.1	-
285	Paints, varnishes, lacquers, enamels, and allied products.....	.6	3.3	3.3	.3	-	-	.7	4.4	30.8	-
2851	Paints, varnishes, lacquers, enamels, and allied products.....	.6	3.3	3.3	.3	-	-	.7	4.4	30.8	-
28511	Paints, varnishes, lacquers, enamels, and shellacs.....	.6	3.5	2.9	.4	-	-	.8	4.7	31.8	-
30	Rubber and miscellaneous plastics products.....	.6	.8	2.9	1.5	.3	.9	5.2	10.2	57.5	-
307	Miscellaneous plastic products.....	.6	.8	2.9	1.5	.3	.9	5.2	10.2	57.5	-
3071	Miscellaneous plastic products.....	.6	.8	2.9	1.5	.3	.9	5.2	10.2	57.5	-
30714	Unsupported vinyl and polyethylene film and sheeting.....	.3	.4	2.1	.7	-	-	-	6.8	44.7	-
30719	Fabricated plastics products, n.e.c. (including footwear made wholly of plastic).....	.4	.8	3.3	1.8	.2	1.2	6.6	10.9	61.9	-
31	Leather and leather products.....	1.4	1.5	3.1	3.4	5.4	1.6	7.9	20.4	38.7	-
316	Luggage and handbags (all materials), and other personal leather goods.....	1.6	.9	3.7	1.9	9.7	2.9	7.6	20.0	34.1	-
3161	Luggage and handbags (all materials), and other personal leather goods.....	1.6	.9	3.7	1.9	9.7	2.9	7.6	20.0	34.1	-
31611	Luggage, all materials.....	1.6	.9	3.7	1.9	9.7	2.9	7.6	20.0	34.1	-

See footnotes at end of table.

TABLE 4. Percent Distribution of Commodities, by Production Area of Destination: 1967 --Continued

TCC code	Commodity	Number	Percent distribution by production area ¹ of destination							
			Total	1 (BOST)	2 (HART)	3 ² (NYNY)	4 (N. NJ)	5 (PHIL)	6 (BALT)	7 (ALLN)
	TON-MILES OF SHIPMENTS--Con.	(millions of ton-miles)								
329	Abrasives, asbestos, and miscellaneous nonmetallic mineral products.....	20	100.0	3.0	1.4	0.2	0.3	1.1	0.8	-
33	Primary metal products.....	245	100.0	1.9	.5	.7	1.9	1.9	1.2	0.1
333	Nonferrous metals primary smelter products (slab, ingot, pig, etc., and residues).....	69	100.0	2.6	.4	1.6	6.0	2.5	3.3	.3
3339	Miscellaneous primary nonferrous and nonferrous base alloy basic metal products (anodes, cathodes, billets, blooms, pig, slab, or ingot, etc.)....	1	100.0	-	.9	.2	-	10.0	34.7	-
335	Nonferrous metal basic shapes.....	164	100.0	1.1	.4	.3	.3	1.7	.5	-
3356	Miscellaneous nonferrous metal basic shapes (plate, sheet, strip, rods, bars, pipe, and tubing).....	5	100.0	8.4	1.0	.4	1.1	.8	-	.1
3357	Nonferrous wire (including insulated wire).....	134	100.0	.8	.4	.3	.1	.6	.6	-
33574	Wire and cable, insulated, enameled or covered.....	124	100.0	.7	.4	.3	.1	.6	.5	-
34	Fabricated metal products.....	214	100.0	1.5	.8	.3	.5	1.2	.9	.1
355	Special industry machinery (except metalworking machinery).....	20	100.0	.9	.6	.2	.1	.1	.2	-
36	Electrical machinery and equipment.....	177	100.0	1.7	.1	.6	.2	.6	.3	-
363	Household appliances.....	24	100.0	1.1	.4	.1	.1	.5	.9	.1
364	Electric lighting and wiring equipment.....	90	100.0	2.5	.1	.3	.2	.5	.1	.1
3642	Lighting fixtures.....	11	100.0	2.8	.5	.4	.2	1.1	.2	.1
366	Communication equipment.....	1	100.0	1.3	-	.4	.1	.8	.9	-
3662	Radio and television transmitting, signaling, and detection equipment and apparatus.....	1	100.0	1.3	-	.4	.1	.8	.9	-
36621	Radio and television transmitting, signaling, and detection equipment and apparatus.....	1	100.0	1.3	-	.4	.1	.8	.9	-
3679	Miscellaneous electronic components and accessories.....	4	100.0	.8	.1	.2	.2	.2	.3	.1
36791	Miscellaneous electronic components and accessories.....	4	100.0	.8	.1	.2	.2	.2	.3	.1
38	Instruments, photographic goods, optical goods, watches, and clocks.....	17	100.0	.7	.2	.3	.1	.2	.1	-
386	Photographic equipment and supplies....	5	100.0	.5	.1	.1	.1	.2	.1	-
3861	Photographic equipment and supplies....	5	100.0	.5	.1	.1	.1	.2	.1	-
39	Miscellaneous products of manufacturing	218	100.0	1.0	.1	.2	.1	.5	.5	.2

See footnotes at end of table.

TABLE 4. Percent Distribution of Commodities, by Production Area of Destination: 1967--Continued

TCC code	Commodity	Percent distribution by production area ¹ of destination--Continued									
		8 (HARR)	9 (SYRA)	10 (BUFF)	11 (CLEV)	12 (PITT)	13 (DETR)	14 (CINC)	15 (CHIC)	16 (MILW)	17 (M-SP)
	TON-MILES OF SHIPMENTS--Con.										
329	Abrasives, asbestos, and miscellaneous nonmetallic mineral products.....	0.8	0.1	1.1	1.2	0.7	2.1	1.0	6.6	0.9	0.2
33	Primary metal products.....	-	1.4	.9	2.0	1.4	.3	-	7.0	.1	1.5
333	Nonferrous metals primary smelter products (slab, ingot, pig, etc., and residues).....	-	2.9	-	1.6	1.2	-	-	15.7	-	-
3339	Miscellaneous primary nonferrous and nonferrous base alloy basic metal products (anodes, cathodes, billets, blooms, pig, slab, or ingot, etc.)....	-	-	-	-	-	-	-	54.2	-	-
335	Nonferrous metal basic shapes.....	.1	.2	1.3	2.3	1.5	.4	-	2.7	.1	2.2
3356	Miscellaneous nonferrous metal basic shapes (plate, sheet, strip, rods, bars, pipe, and tubing).....	-	.3	-	-	.9	1.2	-	3.0	2.4	-
3357	Nonferrous wire (including insulated wire).....	.1	-	.8	1.3	1.8	.4	.1	3.2	-	2.7
33574	Wire and cable, insulated, enameled or covered.....	.1	-	.8	1.1	1.7	.5	-	3.3	-	2.9
34	Fabricated metal products.....	.3	.2	.9	1.5	3.0	6.5	.5	3.2	.9	.9
355	Special industry machinery (except metalworking machinery).....	.1	.1	2.8	.5	-	.7	.3	4.8	.3	.1
36	Electrical machinery and equipment.....	.2	.2	.4	.8	.9	1.9	1.7	13.6	1.4	1.1
363	Household appliances.....	.1	.3	1.0	.7	1.7	5.1	.5	11.7	.4	1.2
364	Electric lighting and wiring equipment.....	.3	.1	.3	.4	.8	1.3	.3	16.1	2.3	.5
3642	Lighting fixtures.....	.1	.3	.5	1.8	3.8	1.5	.2	11.2	.9	.5
366	Communication equipment.....	-	.2	.2	.1	-	-	.6	.6	.3	3.4
3662	Radio and television transmitting, signaling, and detection equipment and apparatus.....	-	.2	.2	.1	-	-	.7	.6	.3	3.5
36621	Radio and television transmitting, signaling, and detection equipment and apparatus.....	-	.2	.2	.1	-	-	.7	.6	.3	3.5
3679	Miscellaneous electronic components and accessories.....	-	-	.2	.7	-	.7	1.9	1.5	-	.3
36791	Miscellaneous electronic components and accessories.....	-	-	.2	.7	-	.7	1.9	1.5	-	.3
38	Instruments, photographic goods, optical goods, watches, and clocks.....	-	.1	1.8	1.1	.3	1.4	.8	4.2	.9	3.7
386	Photographic equipment and supplies....	-	-	2.2	2.4	.4	.7	.7	5.1	.9	2.6
3861	Photographic equipment and supplies....	-	-	2.2	2.4	.4	.7	.7	5.1	.9	2.6
39	Miscellaneous products of manufacturing	.3	.2	.6	2.0	.7	1.3	1.2	7.7	3.3	1.6

See footnotes at end of table.

TABLE 4. Percent Distribution of Commodities, by Production Area of Destination: 1967--Continued

TCC code	Commodity	Percent distribution by production area ¹ of destination--Continued									Sampling variability code ³
		18 (STLO)	19 (ATLA)	20 (DALL)	21 (HOUS)	22 (DENV)	23 (SETL)	24 (SANF)	25 (LOSA)	All other	
	TON-MILES OF SHIPMENTS--Con.										
329	Abrasives, asbestos, and miscellaneous nonmetallic mineral products.....	0.7	2.8	3.7	10.7	0.3	0.8	0.7	10.8	48.0	-
33	Primary metal products.....	.4	1.7	3.4	.1	-	.6	5.7	5.0	60.3	-
333	Nonferrous metals primary smelter products (slab, ingot, pig, etc., and residues).....	-	-	-	-	-	-	-	-	61.9	-
3339	Miscellaneous primary nonferrous and nonferrous base alloy basic metal products (anodes, cathodes, billets, blooms, pig, slab, or ingot, etc.)....	-	-	-	-	-	-	-	-	-	-
335	Nonferrous metal basic shapes.....	.6	2.6	4.9	-	-	-	8.6	6.4	61.8	-
3356	Miscellaneous nonferrous metal basic shapes (plate, sheet, strip, rods, bars, pipe, and tubing).....	-	-	.7	-	-	-	.3	.7	78.7	-
3357	Nonferrous wire (including insulated wire).....	.7	3.2	6.0	-	.1	-	10.5	7.8	58.5	-
33574	Wire and cable, insulated, enameled or covered.....	.1	3.4	6.4	-	.1	-	10.6	8.4	58.0	-
34	Fabricated metal products.....	1.0	.8	3.2	2.1	2.7	.8	.6	15.3	50.3	-
355	Special industry machinery (except metalworking machinery).....	10.5	.3	2.3	1.3	.1	.7	9.7	8.2	55.1	-
36	Electrical machinery and equipment.....	.5	2.3	2.9	2.1	.9	5.3	3.6	15.5	41.2	-
363	Household appliances.....	.6	.9	3.3	.9	3.4	4.7	1.3	31.2	27.8	-
364	Electric lighting and wiring equipment.....	.1	3.3	2.8	3.1	.4	8.7	2.3	4.4	48.7	-
3642	Lighting fixtures.....	.3	6.9	13.7	1.2	.2	.9	6.4	8.1	36.2	-
366	Communication equipment.....	-	-	.6	-	-	-	2.1	2.6	85.8	-
3662	Radio and television transmitting, signaling, and detection equipment and apparatus.....	.1	-	.6	-	-	-	.9	1.8	87.5	-
36621	Radio and television transmitting, signaling, and detection equipment and apparatus.....	.1	-	.6	-	-	-	.9	1.8	87.5	-
3679	Miscellaneous electronic components and accessories.....	.8	1.0	2.1	1.2	.1	.7	8.1	51.9	26.9	-
36791	Miscellaneous electronic components and accessories.....	.8	1.0	2.1	1.2	.1	.7	8.1	51.9	26.9	-
38	Instruments, photographic goods, optical goods, watches, and clocks.....	6.5	2.1	5.7	2.1	2.1	2.3	7.2	12.8	43.3	-
386	Photographic equipment and supplies....	1.0	2.1	3.7	.2	2.2	2.3	8.1	27.1	37.2	-
3861	Photographic equipment and supplies....	1.0	2.1	3.7	.2	2.2	2.3	8.1	27.1	37.2	-
39	Miscellaneous products of manufacturing	.4	1.5	2.1	.4	3.0	1.4	2.3	23.5	43.9	-

¹Designations below the area numbers are used to help identify the area. Descriptions of production areas appear on page 4.

²Includes only those shipments that originated in one city in this area and terminated in another city in this area. Does not include shipments originating and terminating in the same city.

³Code letter indicates a sampling variability range as follows: a, 0-9 percent; b, 10-19 percent; c, 20-29 percent; and d, 30-50 percent. The variability for ton-miles has not been estimated.

PRODUCTION AREA 4

Consists of three Standard Metropolitan Statistical Areas—Newark, N.J.; Jersey City, N.J.; Paterson-Clifton-Passaic, N.J.—and Middlesex and Somerset counties, N.J.

SUMMARY

The estimates of tons and ton-miles are based on reports from a sample of shipments by approximately 629 manufacturing establishments located in this Production Area. The total tons and ton-miles represent the total inter-city shipments by essentially all manufacturing establishments in the area, except for plants with less than 20 employees. However, since the data are based on a sample, the estimates necessarily are subject to "sampling variability."

The approximate degree of sampling variability for tons for each commodity or commodity class is indicated in the last column of tables 1 to 4. In general, most of the commodity data in this report are subject to substantial sampling variability and should be treated as approximate rather than precise measures.

About 27.3 million tons of commodities were shipped by plants in this area to destinations beyond the local area. These shipments generated 6.7 billion ton-miles by all means of transport combined, and averaged about 247 straight-line miles per ton shipped.

Motor carriers are the dominant means of transport, hauling 44 percent of the total tons shipped. When measured in terms of ton-miles rather than tons, motor carriers are still dominant, accounting for slightly over 46 percent of the total ton-miles.

Comparisons between 1967 and 1963 data are presented in tables A through D. The 1967 survey is comparable with 1963, except for the exclusion from the survey, in 1967, of plants with less than 20 employees. Nationally, those plants accounted for only 4 percent of the total tons originated in the 1963 survey.

Table A. PERCENT DISTRIBUTION OF SHIPMENTS
BY MEANS OF TRANSPORT

Means of transport	All commodities	
	1967	1963
Tons of shipments.....millions..	27.3	25.3
Ton-miles.....billions..	6.7	6.6
TONS OF SHIPMENTS	Percent distribution	
All means of transport.....	100.0	100.0
Rail.....	13.8	15.3
Motor carrier.....	44.0	47.7
Private truck.....	13.5	10.1
Air.....	.1	.1
Water.....	27.9	25.6
Other.....	.7	1.2
TON-MILES		
All means of transport.....	100.0	100.0
Rail.....	34.6	29.3
Motor carrier.....	46.3	44.9
Private truck.....	6.6	5.5
Air.....	.6	.3
Water.....	10.1	16.9
Other.....	1.8	3.1

Note: Ton-miles are the product of weight times distance on a straight-line distance basis.

Table C. PERCENT DISTRIBUTION OF SHIPMENTS
BY DISTANCE OF SHIPMENT

Distance shipped	All commodities	
	1967	1963
TONS OF SHIPMENTS		
All distances.....	100.0	100.0
Under 100 miles.....	55.8	51.9
100 to 199 miles.....	16.2	14.4
200 to 299 miles.....	8.4	12.2
300 to 499 miles.....	5.9	6.8
500 to 999 miles.....	8.4	8.5
1,000 to 1,499 miles.....	2.6	3.5
1,500 miles and over.....	2.7	2.7

Table B. AVERAGE LENGTH OF HAUL
BY MEANS OF TRANSPORT

Means of transport	(Straight-line miles)	
	1967	1963
All means of transport.....	247	263
Rail.....	620	502
Motor carrier.....	260	247
Private truck.....	121	143

Note: Average length of haul is based on straight-line miles from plant to customer or redistribution point, weighted by tonnage shipped (i.e., ton-miles divided by tons). Rail short-line and highway direct-route distances average about 24 and 21 percent, respectively, longer than straight-line distances.

Table D. PERCENT DISTRIBUTION OF SHIPMENTS
BY AREA OF DESTINATION

Area of destination	All commodities	
	1967	1963
Tons of shipments.....thousands..	27,290	25,321
Ton-miles.....millions..	6,748	6,647
TONS OF SHIPMENTS	Percent distribution	
All areas.....	100.0	100.0
Production Area 04 ¹	13.1	12.4
Other production areas.....	61.3	59.4
All other areas.....	25.6	28.2
TON-MILES		
All areas.....	100.0	100.0
Production Area 04 ¹	1.0	1.0
Other production areas.....	56.5	56.8
All other areas.....	42.5	42.2

¹Includes only those shipments that originated in one city in this area and terminated in another city in this area.

TABLE 1. Percent Distribution of Commodities, by Means of Transport: 1967

TCC code	Commodity	Number	Percent distribution by means of transport								Sampling variability code
			All means of transport	Rail	Motor carrier	Private truck	Air	Water	Other	Unknown	
	TONS OF SHIPMENTS	(thousands of tons)									
	Production Area 04, total.....	27,290	100.0	13.8	44.0	13.5	0.1	27.9	0.6	0.1	-
20	Food and kindred products.....	3,465	100.0	15.6	48.1	35.4	-	.6	-	.3	b
201	Meat, poultry, and small game; fresh, chilled or frozen.....	64	100.0	18.8	47.0	28.3	-	-	-	5.9	d
2013	Meat products.....	37	100.0	-	56.0	44.0	-	-	-	-	d
203	Canned and preserved fruits, vegetables, and seafoods.....	129	100.0	1.3	81.4	16.5	-	.5	-	.3	d
208	Beverages and flavoring extracts.....	2,147	100.0	16.0	33.4	49.6	-	.8	-	.2	b
209	Miscellaneous food preparations and kindred products.....	686	100.0	17.7	72.6	9.6	-	.1	-	-	c
22	Basic textiles.....	152	100.0	6.5	74.3	15.7	.9	.3	2.3	-	d
23	Apparel, including knit apparel, and other finished textile products.....	99	100.0	4.3	83.5	1.1	.7	-	10.4	-	d
233	Women's misses', girls', and infants' clothing.....	35	100.0	11.0	63.2	2.8	1.1	-	21.8	.1	d
2331	Women's misses', girls', and infants' clothing.....	35	100.0	11.0	63.2	2.8	1.1	-	21.8	.1	d
23311	Women's misses', girls', and infants' clothing.....	35	100.0	11.0	63.2	2.8	1.1	-	21.8	.1	d
25	Furniture and fixtures.....	164	100.0	38.7	49.9	11.4	-	-	-	-	d
251	Household and office furniture.....	157	100.0	40.0	48.4	11.6	-	-	-	-	d
26	Pulp, paper, and allied products.....	1,438	100.0	12.2	42.4	44.3	.1	.8	.1	.1	c
26219	Paper, n.e.c.....	66	100.0	15.0	56.8	25.2	.1	2.4	.5	-	d
263	Paperboard, fiberboard, and pulpboard (except insulating board).....	270	100.0	7.3	73.5	18.8	-	-	-	.4	c
2631	Paperboard, fiberboard, and pulpboard (except insulating board).....	270	100.0	7.3	73.5	18.8	-	-	-	.4	c
26311	Paperboard, fiberboard, and pulpboard (except insulating board).....	270	100.0	7.3	73.5	18.8	-	-	-	.4	c
264	Converted paper and paperboard products (except containers and boxes)...	431	100.0	8.9	46.6	42.9	-	1.6	-	-	d
265	Containers, boxes and related products, paperboard, fiberboard, and pulpboard.	494	100.0	10.6	22.4	66.9	.1	-	-	-	d
2651	Containers, boxes, baskets, pallets and skids, paperboard, fiberboard, and pulpboard.....	318	100.0	15.5	27.8	56.5	.2	-	-	-	d
26511	Containers and boxes, paperboard, fiberboard, and pulpboard.....	318	100.0	15.5	27.7	56.6	.2	-	-	-	d
28	Chemicals and allied products.....	4,938	100.0	18.1	63.3	15.3	.1	.8	2.0	.4	a
281	Industrial chemicals.....	1,597	100.0	30.5	55.4	9.0	-	.8	3.9	.4	b
2815	Dyes and dye (cyclic) intermediates and organic pigments (lakes and toners)...	127	100.0	20.1	54.2	6.4	-	2.4	16.9	-	d
28151	Cyclic intermediates derived from benzene, toluene, naphthalene, anthracene, pyridine, carbazole, and other cyclic chemical products.....	94	100.0	22.7	47.9	5.8	-	2.1	21.5	-	d
28156	Organic dyes.....	33	100.0	13.0	72.2	8.0	.1	3.3	3.4	-	c
2818	Miscellaneous industrial organic chemicals.....	345	100.0	10.9	74.7	5.7	-	2.5	6.2	-	d
28189	Industrial organic chemicals, n.e.c.....	133	100.0	5.4	64.5	14.1	-	.1	15.9	-	c

See footnote at end of table.

TABLE 1. Percent Distribution of Commodities, by Means of Transport: 1967--Continued

TCC code	Commodity	Number	Percent distribution by means of transport								Sampling variability code ¹
			All means of transport	Rail	Motor carrier	Private truck	Air	Water	Other	Unknown	
	TONS OF SHIPMENTS--Continued	(thousands of tons)									
2819	Miscellaneous industrial inorganic chemicals.....	608	100.0	42.5	42.6	11.4	-	0.2	3.3	-	c
28194	Inorganic acids and phosphorus compounds (except nitric and sulphuric acid).....	108	100.0	7.1	55.8	37.1	-	-	-	-	d
282	Plastic materials and plasticizers, synthetic resins, rubbers, and fibers.	496	100.0	25.3	58.3	12.5	0.1	3.3	.1	0.4	b
2821	Plastic materials and plasticizers, synthetic resins, rubbers, and fibers.	496	100.0	25.3	58.3	12.5	.1	3.3	.1	.4	b
28211	Plastic materials and plasticizers, synthetic resins, and nonvulcanizable elastomers.....	476	100.0	26.0	58.9	10.9	.1	3.5	.2	.4	b
283	Drugs (biological products, medicinal chemicals, botanical products, and pharmaceutical preparations).....	356	100.0	23.1	70.4	4.0	.1	.4	2.0	-	a
2831	Drugs (biological products, medicinal chemicals, botanical products, and pharmaceutical preparations).....	356	100.0	23.1	70.4	4.0	.1	.4	2.0	-	a
28311	Drugs for human use.....	356	100.0	23.1	70.4	4.0	.1	.4	2.0	-	a
284	Soap and detergents, cleaning preparations, perfumes, cosmetics, and other toilet preparations.....	1,186	100.0	3.5	60.8	33.0	.1	.6	1.7	.3	c
2841	Soap and other detergents (except specialty cleansers).....	762	100.0	3.1	53.4	42.9	-	.1	-	.5	d
28411	Synthetic organic detergents.....	662	100.0	2.2	49.4	47.8	-	-	-	.6	d
28419	Soap or detergents, n.e.c. (except synthetic organic detergents and specialty cleansers).....	100	100.0	9.5	78.7	10.5	-	1.1	.1	.1	b
2842	Specialty cleaning, polishing, and sanitation preparations (except soap and detergents).....	73	100.0	-	77.4	22.5	-	-	.1	-	c
28422	Specialty cleaning and sanitation preparations.....	48	100.0	-	65.4	34.5	-	-	.1	-	d
2844	Perfumes, cosmetics, and other toilet preparations.....	217	100.0	8.1	78.8	.2	.5	3.1	9.3	-	a
28441	Perfumes, cosmetics, and other toilet preparations.....	217	100.0	8.1	78.8	.2	.5	3.1	9.3	-	a
285	Paints, varnishes, lacquers, enamels, and allied products.....	508	100.0	3.7	92.3	3.1	-	.1	.8	-	b
2851	Paints, varnishes, lacquers, enamels, and allied products.....	508	100.0	3.7	92.3	3.1	-	.1	.8	-	b
28511	Paints, varnishes, lacquers, enamels, and shellacs.....	449	100.0	4.0	91.8	3.2	-	.1	.9	-	c
287	Agricultural chemicals.....	230	100.0	54.6	34.5	10.3	-	.6	-	-	d
289	Miscellaneous chemical products.....	565	100.0	2.1	76.9	18.7	.8	.3	.2	1.0	c
2891	Glue and gelatin.....	230	100.0	-	71.8	24.4	1.2	-	.1	2.5	d
28911	Glues, adhesives, sizes, and sizings...	230	100.0	-	71.8	24.4	1.2	-	.1	2.5	d
2899	Chemical products, n.e.c.....	238	100.0	2.2	76.3	20.2	.7	.2	.4	-	b
28999	Chemical products, n.e.c.....	138	100.0	3.0	67.7	28.0	.5	.4	.4	-	c
29114	Lubricating oils and similar light oils and derivatives.....	617	100.0	39.5	36.3	23.4	-	.8	-	-	e
295	Paving and roofing materials.....	1,346	100.0	2.5	92.7	2.3	-	2.5	-	-	f
2952	Asphalt felt and coatings.....	494	100.0	6.1	87.5	6.3	-	-	-	.1	f

See footnote at end of table.

TABLE 1. Percent Distribution of Commodities, by Means of Transport: 1967--Continued

TCC code	Commodity	Number (thousands of tons)	Percent distribution by means of transport								Sampling variability code ¹
			All means of transport	Rail	Motor carrier	Private truck	Air	Water	Other	Unknown	
	TONS OF SHIPMENTS--Continued										
30	Rubber and miscellaneous plastics products.....	435	100.0	11.6	73.6	12.1	0.2	-	1.8	0.7	c
306	Miscellaneous fabricated rubber products.....	55	100.0	16.1	79.9	1.5	.7	-	.4	1.4	b
3061	Miscellaneous fabricated rubber products.....	55	100.0	16.1	79.9	1.5	.7	-	.4	1.4	b
30619	Fabricated rubber products, n.e.c.....	31	100.0	18.1	77.1	.9	1.1	-	.3	2.5	d
307	Miscellaneous plastic products.....	379	100.0	11.0	72.5	13.7	.1	-	2.0	.7	c
3071	Miscellaneous plastic products.....	379	100.0	11.0	72.5	13.7	.1	-	2.0	.7	c
30714	Unsupported vinyl and polyethylene film and sheeting.....	156	100.0	8.5	64.9	25.0	-	-	-	1.6	d
30719	Fabricated plastics products, n.e.c. (including footwear made wholly of plastic).....	135	100.0	18.0	79.1	2.7	-	-	.2	-	d
31	Leather and leather products.....	28	100.0	10.1	86.3	-	.1	-	3.3	.2	d
316	Luggage and handbags (all materials), and other personal leather goods.....	16	100.0	17.4	77.0	-	-	-	5.2	.4	d
3161	Luggage and handbags (all materials), and other personal leather goods.....	16	100.0	17.4	77.0	-	-	-	5.2	.4	d
31611	Luggage, all materials.....	16	100.0	17.4	77.0	-	-	-	5.2	.4	d
32	Stone, clay, and glass products.....	1,191	100.0	4.3	69.5	26.1	-	-	.1	-	c
322	Glass and glassware, pressed and blown.	282	100.0	10.1	80.3	9.5	-	-	.1	-	b
327	Concrete, gypsum, plaster, and plaster products.....	345	100.0	-	96.4	3.6	-	-	-	-	d
3271	Concrete products.....	280	100.0	-	95.5	4.5	-	-	-	-	d
3292	Asbestos products.....	32	100.0	-	90.2	8.3	-	1.2	.3	-	b
33	Primary metal products.....	2,124	100.0	50.9	36.2	10.9	-	2.0	-	-	d
3312	Primary iron and steel products (except coke-oven products).....	109	100.0	22.4	66.9	10.7	-	-	-	-	d
335	Nonferrous metal basic shapes.....	1,066	100.0	30.4	54.3	11.3	-	4.0	-	-	b
3351	Copper, brass, bronze, and other copper base alloy basic shapes.....	607	100.0	36.3	46.1	11.6	-	6.0	-	-	a
33511	Copper, brass, bronze, and other copper base alloy rods and bars.....	541	100.0	37.5	44.8	11.3	-	6.4	-	-	a
3356	Miscellaneous nonferrous metal basic shapes (plate, sheet, strip, rods, bars, pipe, and tubing).....	6	100.0	6.8	91.6	.5	.5	-	.4	.2	d
3357	Nonferrous wire (including insulated wire).....	443	100.0	23.3	65.1	10.1	-	1.4	.1	-	d
33574	Wire and cable, insulated enameled or covered.....	386	100.0	26.5	68.5	3.3	-	1.6	.1	-	d
336	Nonferrous and nonferrous base alloy castings.....	35	100.0	-	81.6	16.8	.2	.8	.6	-	d
339	Miscellaneous primary metal products...	24	100.0	.7	65.9	33.0	.1	-	.3	-	d
3399	Primary metal products, n.e.c.....	10	100.0	1.8	58.2	38.8	.4	-	.8	-	b
34	Fabricated metal products.....	920	100.0	4.0	77.5	16.8	.5	.6	.6	-	b
341	Metal cans.....	281	100.0	9.4	74.5	14.4	.2	1.2	.2	.1	a
3411	Metal cans.....	281	100.0	9.4	74.5	14.4	.2	1.2	.2	.1	a
34111	Metal cans.....	281	100.0	9.4	74.5	14.4	.2	1.2	.2	.1	a
349	Miscellaneous fabricated metal products	153	100.0	6.5	46.3	46.2	.1	-	.9	-	d
3494	Valves and pipe fittings (except plumbers' brass goods and fittings).....	8	100.0	.1	64.7	18.7	1.6	.1	14.4	.4	c
34941	Metal valves for piping, plumbing, and heating systems.....	7	100.0	.1	58.5	23.0	.8	.1	17.0	.5	c

See footnote at end of table.

TABLE 1. Percent Distribution of Commodities, by Means of Transport: 1967--Continued

TCC code	Commodity	Number	Percent distribution by means of transport								Sampling variability code ¹
			All means of transport	Rail	Motor carrier	Private truck	Air	Water	Other	Unknown	
	TONS OF SHIPMENTS--Continued	(thousands of tons)									
35	Machinery, except electrical.....	542	100.0	24.2	64.6	8.1	0.8	0.9	1.4	-	b
353	Construction, mining, and materials handling machinery and equipment.....	95	100.0	9.0	54.7	34.1	.3	.5	1.4	-	c
355	Special industry machinery (except metalworking machinery).....	36	100.0	2.8	92.6	.8	1.0	-	2.8	-	d
3561	Pumps, air and gas compressors, and measuring and dispensing pumps, also pumping equipment.....	5	100.0	-	96.5	.2	.2	.1	3.0	-	c
359	Miscellaneous machinery and parts (except electrical).....	17	100.0	19.1	39.6	29.3	1.6	10.1	.3	-	d
3599	Miscellaneous machinery and parts (except electrical).....	17	100.0	19.1	39.6	29.3	1.6	10.1	.3	-	d
35999	Machinery and parts, n.e.c. (except electrical).....	11	100.0	29.9	26.7	25.2	2.3	15.9	-	-	c
36	Electrical machinery and equipment....	560	100.0	19.8	68.2	4.9	1.7	-	5.4	-	c
361	Electrical transmission and distribution equipment.....	60	100.0	21.4	72.5	4.1	1.0	-	1.0	-	b
3611	Electrical measuring instruments and test equipment.....	3	100.0	2.8	58.5	6.4	22.3	.3	9.7	-	c
36113	Indicating, recording, and measuring instruments (electrical qualities or characteristics).....	2	100.0	3.7	64.1	8.3	21.7	-	2.2	-	b
364	Electric lighting and wiring equipment.	60	100.0	14.3	72.0	1.5	.5	-	11.7	-	d
3642	Lighting fixtures.....	44	100.0	19.3	62.2	2.1	.6	-	15.8	-	d
365	Radio and television receiving sets (except communication types), phonographs, and phonograph records.....	124	100.0	34.9	55.9	3.7	.1	-	5.4	-	c
367	Electronic components or accessories...	35	100.0	.9	78.6	6.9	7.4	-	6.2	-	c
3679	Miscellaneous electronic components and accessories.....	29	100.0	-	87.3	6.2	2.0	-	4.5	-	c
36791	Miscellaneous electronic components and accessories.....	29	100.0	-	87.3	6.2	2.0	-	4.5	-	c
372	Aircraft and parts.....	3	100.0	.9	81.9	1.7	9.5	5.6	.2	0.2	d
38	Instruments, photographic goods, optical goods, watches, and clocks....	67	100.0	.3	88.9	3.7	.7	.4	3.9	2.1	d
381	Engineering, laboratory, and scientific instruments.....	2	100.0	13.1	36.3	1.3	23.5	16.8	9.0	-	d
3811	Engineering, laboratory, and scientific instruments.....	2	100.0	13.1	36.3	1.3	23.5	16.8	9.0	-	d
38111	Aircraft flight, nautical, and navigational instruments and automatic pilots.....	1	100.0	.1	31.8	3.3	55.1	-	9.7	-	c
39	Miscellaneous products of manufacturing	92	100.0	2.6	92.1	2.0	.5	-	2.8	-	c

See footnote at end of table.

TABLE 1. Percent Distribution of Commodities, by Means of Transport: 1967--Continued

TCC code	Commodity	Number	Percent distribution by means of transport								Sampling variability code ¹
			All means of transport	Rail	Motor carrier	Private truck	Air	Water	Other	Unknown	
	TON-MILES OF SHIPMENTS	(millions of ton-miles)									
	Production Area 04, total.....	6,748	100.0	34.6	46.3	6.6	0.6	10.1	1.5	0.3	-
20	Food and kindred products.....	771	100.0	31.2	46.7	16.9	-	5.1	-	.1	-
201	Meat, poultry, and small game; fresh, chilled or frozen.....	15	100.0	65.6	26.7	5.8	-	-	-	1.9	-
2013	Meat products.....	4	100.0	-	78.4	21.6	-	-	-	-	-
203	Canned and preserved fruits, vegetables, and seafoods.....	26	100.0	11.8	77.0	8.5	-	2.5	-	.2	-
208	Beverages and flavoring extracts.....	421	100.0	32.0	34.2	24.9	-	8.9	-	-	-
209	Miscellaneous food preparations and kindred products.....	187	100.0	25.3	69.2	4.9	-	.6	-	-	-
22	Basic textiles.....	119	100.0	7.8	85.1	2.3	1.7	.3	2.8	-	-
23	Apparel, including knit apparel, and other finished textile products.....	57	100.0	16.3	68.7	-	1.3	.1	13.5	.1	-
233	Women's, misses', girls', and infants' clothing.....	24	100.0	36.8	35.6	.1	1.4	.1	25.9	.1	-
2331	Women's, misses', girls', and infants' clothing.....	24	100.0	36.8	35.6	.1	1.4	.1	25.9	.1	-
23311	Women's, misses', girls', and infants' clothing.....	24	100.0	36.8	35.6	.1	1.4	.1	25.9	.1	-
25	Furniture and fixtures.....	94	100.0	42.3	55.0	2.7	-	-	-	-	-
251	Household and office furniture.....	92	100.0	42.6	54.6	2.8	-	-	-	-	-
26	Pulp, paper, and allied products.....	246	100.0	30.8	44.8	18.3	.3	5.4	.4	-	-
26219	Paper, n.e.c.....	38	100.0	12.8	53.8	13.0	.2	19.6	.6	-	-
263	Paperboard, fiberboard, and pulpboard (except insulating board).....	26	100.0	42.6	40.2	16.9	-	-	-	.3	-
2631	Paperboard, fiberboard, and pulpboard (except insulating board).....	26	100.0	42.6	40.2	16.9	-	-	-	.3	-
26311	Paperboard, fiberboard, and pulpboard (except insulating board).....	26	100.0	42.6	40.2	16.9	-	-	-	.3	-
264	Converted paper and paperboard products (except containers and boxes)...	89	100.0	25.0	57.1	17.4	.1	.3	.1	-	-
265	Containers, boxes and related products, paperboard, fiberboard, and pulpboard.	56	100.0	39.0	33.4	26.7	.8	-	.1	-	-
2651	Containers, boxes, baskets, pallets and skids, paperboard, fiberboard, and pulpboard.....	44	100.0	48.2	27.8	22.9	1.0	-	.1	-	-
26511	Containers and boxes, paperboard, and fiberboard, and pulpboard.....	44	100.0	48.2	27.8	22.9	1.0	-	.1	-	-
28	Chemicals and allied products.....	1,937	100.0	40.7	48.5	4.9	.8	2.7	2.0	.4	-
281	Industrial chemicals.....	592	100.0	70.2	24.3	2.7	-	.9	.9	1.0	-
2815	Dyes and dye (cyclic) intermediates and organic pigments (lakes and toners)...	48	100.0	34.4	51.1	4.7	.1	6.9	2.8	-	-
28151	Cyclic intermediates derived from benzene, toluene, naphthalene, anthracene, pyridine, carbazole, and other cyclic chemical products.....	31	100.0	49.0	41.5	3.4	-	5.4	.7	-	-
28156	Organic dyes.....	17	100.0	7.3	68.9	7.2	.2	9.8	6.6	-	-
2818	Miscellaneous industrial organic chemicals.....	107	100.0	48.5	45.0	2.8	-	.9	2.7	.1	-
28189	Industrial organic chemicals, n.e.c.....	30	100.0	13.0	66.2	8.6	.1	2.6	9.2	.3	-

See footnote at end of table.

TABLE 1. Percent Distribution of Commodities, by Means of Transport: 1967--Continued

TCC code	Commodity	Number	Percent distribution by means of transport								Sampling variability code
			All means of transport	Rail	Motor carrier	Private truck	Air	Water	Other	Unknown	
	TON-MILES OF SHIPMENTS--Continued	(millions of ton-miles)									
2819	Miscellaneous industrial inorganic chemicals.....	323	100.0	89.6	8.9	0.7	-	0.4	0.4	-	-
28194	Inorganic acids and phosphorus compounds (except nitric and sulphuric acid).....	10	100.0	6.2	87.9	5.9	-	-	-	-	-
282	Plastic materials and plasticizers, synthetic resins, rubbers, and fibers.	198	100.0	32.1	42.6	13.3	0.4	11.2	.2	0.2	-
2821	Plastic materials and plasticizers, synthetic resins, rubbers, and fibers.	198	100.0	32.1	42.6	13.3	.4	11.2	.2	.2	-
28211	Plastic materials and plasticizers, synthetic resins, and nonvulcanizable elastomers.....	195	100.0	32.6	42.2	13.0	.4	11.4	.2	.2	-
283	Drugs (biological products, medicinal chemicals, botanical products, and pharmaceutical preparations).....	365	100.0	36.6	60.7	.2	.2	.4	1.9	-	-
2831	Drugs (biological products, medicinal chemicals, botanical products, and pharmaceutical preparations).....	365	100.0	36.6	60.7	.2	.2	.4	1.9	-	-
28311	Drugs for human use.....	365	100.0	36.6	60.7	.2	.2	.4	1.9	-	-
284	Soap and detergents, cleaning preparations, perfumes, cosmetics, and other toilet preparations.....	330	100.0	14.4	62.8	9.2	1.3	5.5	6.7	.1	-
2841	Soap and other detergents (except specialty cleansers).....	149	100.0	18.7	65.6	15.6	-	-	-	.1	-
28411	Synthetic organic detergents.....	95	100.0	8.6	70.0	21.3	-	-	-	.1	-
28419	Soap or detergents, n.e.c. (except synthetic organic detergents and specialty cleansers).....	54	100.0	36.7	57.5	5.5	-	.1	.1	.1	-
2842	Specialty cleaning, polishing, and sanitation preparations (except soap and detergents).....	11	100.0	-	82.8	17.1	-	-	.1	-	-
28422	Specialty cleaning and sanitation preparations.....	7	100.0	-	71.2	28.7	-	-	.1	-	-
2844	Perfumes, cosmetics, and other toilet preparations.....	151	100.0	12.9	57.3	.3	2.9	12.0	14.6	-	-
28441	Perfumes, cosmetics, and other toilet preparations.....	151	100.0	12.9	57.3	.3	2.9	12.0	14.6	-	-
285	Paints, varnishes, lacquers, enamels, and allied products.....	147	100.0	8.6	86.8	1.7	.2	.1	2.6	-	-
2851	Paints, varnishes, lacquers, enamels, and allied products.....	147	100.0	8.6	86.8	1.7	.2	.1	2.6	-	-
28511	Paints, varnishes, lacquers, enamels, and shellacs.....	130	100.0	9.1	85.8	1.9	.2	.1	2.9	-	-
287	Agricultural chemicals.....	134	100.0	79.7	15.6	3.5	-	1.2	-	-	-
289	Miscellaneous chemical products.....	171	100.0	4.9	78.7	9.0	5.7	1.3	.3	.1	-
2891	Glue and gelatin.....	62	100.0	-	84.2	4.8	10.7	-	-	.3	-
28911	Glues, adhesives, sizes, and sizings...	62	100.0	-	84.2	4.8	10.7	-	-	.3	-
2899	Chemical products, n.e.c.....	62	100.0	5.9	70.1	18.3	5.2	-	.5	-	-
28999	Chemical products, n.e.c.....	39	100.0	7.2	77.8	11.9	2.4	-	.7	-	-
29114	Lubricating oils and similar light oils and derivatives.....	280	100.0	69.4	21.6	8.5	-	.4	.1	-	-
295	Paving and roofing materials.....	87	100.0	11.6	85.1	2.7	-	.6	-	-	-
2952	Asphalt felt and coatings.....	58	100.0	17.1	78.9	4.0	-	-	-	-	-

See footnote at end of table.

TABLE 1. Percent Distribution of Commodities, by Means of Transport: 1967--Continued

TCC code	Commodity	Number (millions of ton-miles)	Percent distribution by means of transport								Sampling variability code ¹
			All means of transport	Rail	Motor carrier	Private truck	Air	Water	Other	Unknown	
	TON-MILES OF SHIPMENTS--Continued										
30	Rubber and miscellaneous plastics products.....	332	100.0	34.4	60.0	1.9	0.2	-	1.3	2.2	-
306	Miscellaneous fabricated rubber products.....	43	100.0	37.2	58.6	.1	.6	-	.7	2.8	-
3061	Miscellaneous fabricated rubber products.....	43	100.0	37.2	58.6	.1	.6	-	.7	2.8	-
30619	Fabricated rubber products, n.e.c.....	26	100.0	51.5	42.6	.1	.8	-	.4	4.6	-
307	Miscellaneous plastic products.....	289	100.0	33.9	60.4	2.1	.1	-	1.4	2.1	-
3071	Miscellaneous plastic products.....	289	100.0	33.9	60.4	2.1	.1	-	1.4	2.1	-
30714	Unsupported vinyl and polyethylene film and sheeting.....	106	100.0	29.7	59.7	4.8	-	0.1	-	5.7	-
30719	Fabricated plastics products, n.e.c. (including footwear made wholly of plastic).....	133	100.0	44.3	55.3	.2	-	-	.2	-	-
31	Leather and leather products.....	15	100.0	24.3	70.9	-	.1	-	4.3	.4	-
316	Luggage and handbags (all materials), and other personal leather goods.....	12	100.0	30.7	63.4	-	-	-	5.4	.5	-
3161	Luggage and handbags (all materials), and other personal leather goods.....	12	100.0	30.7	63.4	-	-	-	5.4	.5	-
31611	Luggage, all materials.....	12	100.0	30.7	63.4	-	-	-	5.4	.5	-
32	Stone, clay, and glass products.....	153	100.0	13.0	73.8	12.2	.1	.2	.7	-	-
322	Glass and glassware, pressed and blown.....	37	100.0	18.2	71.1	10.4	-	-	.3	-	-
327	Concrete, gypsum, plaster, and plaster products.....	38	100.0	-	98.8	1.2	-	-	-	-	-
3271	Concrete products.....	26	100.0	-	98.3	1.7	-	-	-	-	-
3292	Asbestos products.....	8	100.0	-	89.9	5.5	-	3.6	1.0	-	-
33	Primary metal products.....	726	100.0	62.9	26.5	7.8	-	2.7	.1	-	-
3312	Primary iron and steel products (except coke-oven products).....	28	100.0	46.2	44.9	8.9	-	-	-	-	-
335	Nonferrous metal basic shapes.....	453	100.0	53.2	33.8	8.6	-	4.3	.1	-	-
3351	Copper, brass, bronze, and other copper base alloy basic shapes.....	164	100.0	58.9	30.4	8.6	-	2.1	-	-	-
33511	Copper, brass, bronze, and other copper base alloy rods and bars.....	129	100.0	64.1	25.7	9.4	-	.8	-	-	-
3356	Miscellaneous nonferrous metal basic shapes (plate, sheet, strip, rods, bars, pipe, and tubing).....	2	100.0	18.9	79.2	.1	.8	-	.6	.4	-
3357	Nonferrous wire (including insulated wire).....	286	100.0	50.2	35.6	8.4	.1	5.5	.2	-	-
33574	Wire and cable, insulated, enameled or covered.....	264	100.0	54.2	34.9	4.7	-	6.0	.2	-	-
336	Nonferrous and nonferrous base alloy castings.....	11	100.0	-	96.9	1.6	.3	-	1.2	-	-
339	Miscellaneous primary metal products...	5	100.0	1.5	57.5	39.7	.4	-	.9	-	-
3399	Primary metal products, n.e.c.....	3	100.0	2.4	35.3	60.1	.7	-	1.5	-	-
34	Fabricated metal products.....	233	100.0	5.7	79.7	8.2	1.0	3.1	2.3	-	-
341	Metal cans.....	37	100.0	25.9	54.4	7.3	.5	7.5	4.4	-	-
3411	Metal cans.....	37	100.0	25.9	54.4	7.3	.5	7.5	4.4	-	-
34111	Metal cans.....	37	100.0	25.9	54.4	7.3	.5	7.5	4.4	-	-
349	Miscellaneous fabricated metal products	32	100.0	11.7	39.0	46.4	.7	.1	2.1	-	-
3494	Valves and pipe fittings (except plumbers' brass goods and fittings).....	5	100.0	.4	66.9	14.7	3.7	.6	13.4	.3	-
34941	Metal valves for piping, plumbing, and heating systems.....	4	100.0	.4	64.6	17.0	1.9	.7	15.1	.3	-

See footnote at end of table.

TABLE 1. Percent Distribution of Commodities, by Means of Transport: 1967--Continued

TCC code	Commodity	Number	Percent distribution by means of transport								Sampling variability code ¹
			All means of transport	Rail	Motor carrier	Private truck	Air	Water	Other	Unknown	
	TON-MILE OF SHIPMENTS--Continued	(millions of ton-miles)									
35	Machinery, except electrical.....	325	100.0	26.2	60.4	8.7	1.7	1.1	1.9	-	-
353	Construction, mining, and materials handling machinery and equipment.....	78	100.0	23.6	45.6	27.0	.6	.4	2.8	-	-
355	Special industry machinery (except metalworking machinery).....	17	100.0	14.7	82.2	.1	1.3	-	1.7	-	-
3561	Pumps, air and gas compressors, and measuring and dispensing pumps, also pumping equipment.....	3	100.0	-	95.1	-	.2	1.0	3.7	-	-
359	Miscellaneous machinery and parts (except electrical).....	15	100.0	39.0	17.3	27.1	1.2	15.4	-	-	-
3599	Miscellaneous machinery and parts (except electrical).....	15	100.0	39.0	17.3	27.1	1.2	15.4	-	-	-
35999	Machinery and parts, n.e.c. (except electrical).....	11	100.0	57.2	9.1	9.5	1.6	22.6	-	-	-
36	Electrical machinery and equipment.....	350	100.0	37.4	48.8	2.5	3.8	-	7.5	-	-
361	Electrical transmission and distribution equipment.....	39	100.0	38.5	54.4	3.5	2.3	-	1.3	-	-
3611	Electrical measuring instruments and test equipment.....	2	100.0	4.6	43.6	5.9	36.7	-	9.2	-	-
36113	Indicating, recording, and measuring instruments (electrical qualities or characteristics).....	2	100.0	5.8	49.2	7.4	34.1	-	3.5	-	-
364	Electric lighting and wiring equipment.....	43	100.0	18.6	61.0	1.8	.5	.1	18.0	-	-
3642	Lighting fixtures.....	31	100.0	25.8	46.3	2.5	.5	-	24.9	-	-
365	Radio and television receiving sets (except communication types), phonographs, and phonograph records.....	99	100.0	65.0	26.1	.8	.1	-	8.0	-	-
367	Electronic components or accessories...	26	100.0	1.6	75.5	2.3	12.0	-	8.6	-	-
3679	Miscellaneous electronic components and accessories.....	20	100.0	.1	91.2	1.1	3.5	-	4.1	-	-
36791	Miscellaneous electronic components and accessories.....	20	100.0	.1	91.2	1.1	3.5	-	4.1	-	-
372	Aircraft and parts.....	3	100.0	.8	86.1	.1	12.2	.1	.1	0.6	-
38	Instruments, photographic goods, optical goods, watches, and clocks....	37	100.0	.4	82.0	3.1	1.6	.3	6.7	5.9	-
381	Engineering, laboratory, and scientific instruments.....	1	100.0	12.2	34.9	.6	41.1	.3	10.9	-	-
3811	Engineering, laboratory, and scientific instruments.....	1	100.0	12.2	34.9	.6	41.1	.3	10.9	-	-
38111	Aircraft flight, nautical, and navigational instruments and automatic pilots.....	1	100.0	-	27.4	.9	62.0	-	9.7	-	-
39	Miscellaneous products of manufacturing	81	100.0	3.5	92.2	-	.9	-	3.4	-	-

¹Code letter indicates a sampling variability range as follows: a, 0-9 percent; b, 10-19 percent; c, 20-29 percent; and d, 30-50 percent. The variability for ton-miles has not been estimated.

TABLE 2. Percent Distribution of Commodities, by Distance of Shipment: 1967

TCC code	Commodity	Number	Percent distribution by distance of shipment								Sampling variability code ¹
			All distances	Under 100 miles	100 to 199 miles	200 to 299 miles	300 to 499 miles	500 to 999 miles	1,000 to 1,499 miles	1,500 miles or over	
	TONS OF SHIPMENTS	(thousands of tons)									
	Production Area 04, total.....	27,290	100.0	55.8	16.2	8.4	5.9	8.4	2.6	2.7	-
20	Food and kindred products.....	3,465	100.0	43.8	25.8	12.9	6.1	8.4	1.8	1.2	b
201	Meat, poultry, and small game; fresh, chilled or frozen.....	64	100.0	51.1	11.8	18.8	-	18.3	-	-	d
2013	Meat products.....	37	100.0	60.8	11.1	28.0	.1	-	-	-	d
203	Canned and preserved fruits, vegetables, and seafoods.....	129	100.0	65.3	11.7	6.5	5.2	3.0	6.9	1.4	d
208	Beverages and flavoring extracts.....	2,147	100.0	44.5	28.6	14.2	5.8	4.4	1.2	1.3	b
209	Miscellaneous food preparations and kindred products.....	686	100.0	38.8	22.1	11.1	9.5	14.2	3.4	.9	c
22	Basic textiles.....	152	100.0	35.4	7.1	5.8	5.7	19.8	4.1	22.1	d
23	Apparel, including knit apparel, and other finished textile products.....	99	100.0	38.4	11.8	3.5	7.6	20.6	6.6	11.5	d
233	Women's, misses', girls', and infants' clothing.....	35	100.0	40.6	10.5	2.2	4.7	14.8	8.4	18.8	d
2331	Women's, misses', girls', and infants' clothing.....	35	100.0	40.6	10.5	2.2	4.7	14.8	8.4	18.8	d
23311	Women's, misses', girls', and infants' clothing.....	35	100.0	40.6	10.5	2.2	4.7	14.8	8.4	18.8	d
25	Furniture and fixtures.....	164	100.0	20.3	20.5	13.1	8.9	20.4	5.3	11.5	d
251	Household and office furniture.....	157	100.0	19.7	19.4	13.6	9.3	20.8	5.4	11.8	d
26	Pulp, paper, and allied products.....	1,438	100.0	63.4	14.6	7.9	6.0	6.2	1.1	.8	c
26219	Paper, n.e.c.....	66	100.0	24.4	7.6	14.6	17.4	25.9	2.7	7.4	d
263	Paperboard, fiberboard, and pulpboard (except insulating board).....	270	100.0	80.1	10.7	2.2	1.4	5.3	.3	-	c
2631	Paperboard, fiberboard, and pulpboard (except insulating board).....	270	100.0	80.1	10.7	2.2	1.4	5.3	.3	-	c
26311	Paperboard, fiberboard, and pulpboard (except insulating board).....	270	100.0	80.1	10.7	2.2	1.4	5.3	.3	-	c
264	Converted paper and paperboard products (except containers and boxes)...	431	100.0	50.2	23.8	10.0	4.8	8.0	2.5	.7	d
265	Containers, boxes and related products, paperboard, fiberboard, and pulpboard.	494	100.0	75.7	9.8	3.6	7.7	2.9	.1	.2	d
2651	Containers, boxes, baskets, pallets and skids, paperboard, fiberboard, and pulpboard.....	318	100.0	68.6	13.6	2.8	11.5	3.2	.1	.2	d
26511	Containers and boxes, paperboard, fiberboard, and pulpboard.....	318	100.0	68.5	13.6	2.8	11.6	3.2	.1	.2	d
28	Chemicals and allied products.....	4,938	100.0	43.9	16.3	6.4	7.8	15.2	4.8	5.6	a
281	Industrial chemicals.....	1,597	100.0	50.9	19.9	5.7	5.3	7.9	1.6	8.7	b
2815	Dyes and dye (cyclic) intermediates and organic pigments (lakes and toners)...	127	100.0	40.9	11.7	3.7	3.9	33.8	5.1	.9	d
28151	Cyclic intermediates derived from benzene, toluene, naphthalene, anthracene, pyridine, carbazole, and other cyclic chemical products.....	94	100.0	48.8	10.9	2.8	3.7	28.1	5.5	.2	d
28156	Organic dyes.....	33	100.0	18.1	14.2	6.4	4.4	50.0	4.0	2.9	c
2818	Miscellaneous industrial organic chemicals.....	345	100.0	50.2	11.1	12.1	10.7	9.9	.8	5.2	d
28189	Industrial organic chemicals, n.e.c....	133	100.0	47.9	21.2	2.9	12.1	14.4	.5	1.0	c

See footnote at end of table.

TABLE 2. Percent Distribution of Commodities, by Distance of Shipment: 1967--Continued

TCC code	Commodity	Number	Percent distribution by distance of shipment								Sampling variability code ¹
			All distances	Under 100 miles	100 to 199 miles	200 to 299 miles	300 to 499 miles	500 to 999 miles	1,000 to 1,499 miles	1,500 miles or over	
	TONS OF SHIPMENTS--Continued	(thousands of tons)									
2819	Miscellaneous industrial inorganic chemicals.....	608	100.0	50.2	24.7	3.0	3.1	0.7	0.3	18.0	c
28194	Inorganic acids and phosphorus compounds (except nitric and sulphuric acid).....	108	100.0	61.2	29.1	3.2	3.2	3.3	-	-	d
282	Plastic materials and plasticizers, synthetic resins, rubbers, and fibers.	496	100.0	31.3	12.8	6.4	17.0	25.3	6.4	.8	b
2821	Plastic materials and plasticizers, synthetic resins, rubbers, and fibers.	496	100.0	31.3	12.8	6.4	17.0	25.3	6.4	.8	b
28211	Plastic materials and plasticizers, synthetic resins, and nonvulcanizable elastomers.....	476	100.0	29.1	13.4	6.6	17.7	25.7	6.7	.8	b
283	Drugs (biological products, medicinal chemicals, botanical products, and pharmaceutical preparations).....	356	100.0	14.6	3.5	2.2	1.8	42.5	13.6	21.8	a
2831	Drugs (biological products, medicinal chemicals, botanical products, and pharmaceutical preparations).....	356	100.0	14.6	3.5	2.2	1.8	42.5	13.6	21.8	a
28311	Drugs for human use.....	356	100.0	14.6	3.5	2.2	1.8	42.5	13.6	21.8	a
284	Soap and detergents, cleaning preparations, perfumes, cosmetics, and other toilet preparations.....	1,186	100.0	52.5	17.4	6.4	8.1	10.2	2.2	3.2	c
2841	Soap and other detergents (except specialty cleansers).....	762	100.0	56.0	18.3	7.1	9.8	6.6	.7	1.5	d
28411	Synthetic organic detergents.....	662	100.0	60.3	18.6	6.6	8.7	5.2	.6	-	d
28419	Soap or detergents, n.e.c. (except synthetic organic detergents and specialty cleansers).....	100	100.0	27.2	15.7	10.5	17.2	16.3	1.5	11.6	b
2842	Specialty cleaning, polishing, and sanitation preparations (except soap and detergents).....	73	100.0	54.8	29.8	8.3	.7	4.7	1.3	.4	c
28422	Specialty cleaning and sanitation preparations.....	48	100.0	55.8	29.5	9.3	.8	2.8	1.8	-	d
2844	Perfumes, cosmetics, and other toilet preparations.....	217	100.0	19.7	18.6	7.2	8.2	25.9	9.0	11.4	a
28441	Perfumes, cosmetics, and other toilet preparations.....	217	100.0	19.7	18.6	7.2	8.2	25.9	9.0	11.4	a
285	Paints, varnishes, lacquers, enamels, and allied products.....	508	100.0	37.5	20.2	10.8	12.8	14.0	3.8	.9	b
2851	Paints, varnishes, lacquers, enamels, and allied products.....	508	100.0	37.5	20.2	10.8	12.8	14.0	3.8	.9	b
28511	Paints, varnishes, lacquers, enamels, and shellacs.....	449	100.0	36.6	20.5	11.6	13.5	12.7	4.3	.8	c
287	Agricultural chemicals.....	230	100.0	25.7	7.8	6.3	7.4	22.0	29.5	1.3	d
289	Miscellaneous chemical products.....	565	100.0	48.0	15.0	7.0	5.4	18.6	3.6	2.4	c
2891	Glue and gelatin.....	230	100.0	44.6	24.6	3.8	4.3	20.3	1.0	1.4	d
28911	Glues, adhesives, sizes, and sizings...	230	100.0	44.6	24.6	3.8	4.3	20.3	1.0	1.4	d
2899	Chemical products, n.e.c.....	238	100.0	58.7	6.7	6.7	6.8	14.7	5.2	1.2	b
28999	Chemical products, n.e.c.....	138	100.0	54.6	7.5	3.5	8.6	21.1	3.7	1.0	c
29114	Lubricating oils and similar light oils and derivatives.....	617	100.0	31.9	13.0	13.5	9.8	12.4	15.9	3.5	d
295	Paving and roofing materials.....	1,346	100.0	85.0	9.1	4.4	1.0	.3	.2	-	b
2952	Asphalt felt and coatings.....	494	100.0	59.1	24.9	12.0	2.7	.9	.4	-	b

See footnote at end of table.

TABLE 2. Percent Distribution of Commodities, by Distance of Shipment: 1967--Continued

TCC code	Commodity	Number	Percent distribution by distance of shipment								Sampling variability code ¹
			All distances	Under 100 miles	100 to 199 miles	200 to 299 miles	300 to 499 miles	500 to 999 miles	1,000 to 1,499 miles	1,500 miles or over	
	TONS OF SHIPMENTS--Continued	(thousands of tons)									
30	Rubber and miscellaneous plastics products.....	435	100.0	25.1	9.9	6.0	10.4	26.5	4.2	17.9	c
306	Miscellaneous fabricated rubber products.....	55	100.0	12.3	15.3	1.6	22.4	26.7	5.9	15.8	b
3061	Miscellaneous fabricated rubber products.....	55	100.0	12.3	15.3	1.6	22.4	26.7	5.9	15.8	b
30619	Fabricated rubber products, n.e.c.....	31	100.0	16.7	21.5	1.9	14.7	15.5	6.3	23.4	d
307	Miscellaneous plastic products.....	379	100.0	27.0	9.1	6.6	8.7	26.4	3.9	18.3	c
3071	Miscellaneous plastic products.....	379	100.0	27.0	9.1	6.6	8.7	26.4	3.9	18.3	c
30714	Unsupported vinyl and polyethylene film and sheeting.....	156	100.0	32.9	6.4	7.1	5.9	29.5	3.8	14.4	d
30719	Fabricated plastics products, n.e.c. (including footwear made wholly of plastic).....	135	100.0	17.8	11.6	4.9	12.2	21.8	3.6	28.1	d
31	Leather and leather products.....	28	100.0	18.4	29.0	8.7	10.7	20.0	4.3	8.9	d
316	Luggage and handbags (all materials), and other personal leather goods.....	16	100.0	11.7	22.1	7.4	10.8	26.5	6.9	14.6	d
3161	Luggage and handbags (all materials), and other personal leather goods.....	16	100.0	11.7	22.1	7.4	10.8	26.5	6.9	14.6	d
31611	Luggage, all materials.....	16	100.0	11.7	22.1	7.4	10.8	26.5	6.9	14.6	d
32	Stone, clay, and glass products.....	1,191	100.0	61.8	20.4	9.9	4.7	2.4	.5	.3	c
322	Glass and glassware, pressed and blown.....	282	100.0	57.0	28.2	9.8	1.9	2.7	.4	-	b
327	Concrete, gypsum, plaster, and plaster products.....	345	100.0	65.4	15.3	11.4	7.6	.3	-	-	d
3271	Concrete products.....	280	100.0	70.8	16.6	8.1	4.2	.3	-	-	d
3292	Asbestos products.....	32	100.0	34.7	24.0	18.5	13.7	7.2	1.5	.4	b
33	Primary metal products.....	2,124	100.0	29.9	23.6	15.3	13.6	10.8	3.8	3.0	d
3312	Primary iron and steel products (except coke-oven products).....	109	100.0	40.2	24.3	10.4	17.7	4.2	1.0	2.2	d
335	Nonferrous metal basic shapes.....	1,066	100.0	28.4	30.6	5.9	8.8	14.5	6.8	5.0	b
3351	Copper, brass, bronze, and other copper base alloy basic shapes.....	607	100.0	35.0	35.1	6.8	7.7	11.2	2.7	1.5	a
33511	Copper, brass, bronze, and other copper base alloy rods and bars.....	541	100.0	36.4	38.4	5.8	7.2	10.3	.2	1.7	a
3356	Miscellaneous nonferrous metal basic shapes (plate, sheet, strip, rods, bars, pipe, and tubing).....	6	100.0	19.6	45.1	3.5	11.1	18.3	1.6	.8	d
3357	Nonferrous wire (including insulated wire).....	443	100.0	18.6	24.6	4.8	10.3	19.3	12.6	9.3	d
33574	Wire and cable, insulated, enameled or covered.....	386	100.0	16.2	23.4	5.3	10.8	20.0	13.8	10.5	d
336	Nonferrous and nonferrous base alloy castings.....	35	100.0	35.7	16.5	18.3	12.7	11.4	2.0	3.4	d
339	Miscellaneous primary metal products...	24	100.0	32.0	35.8	8.0	6.1	17.3	.5	.3	d
3399	Primary metal products, n.e.c.....	10	100.0	23.1	13.8	15.2	8.4	38.4	1.0	.1	b
34	Fabricated metal products.....	920	100.0	53.9	14.5	7.0	6.1	14.6	2.4	1.5	b
341	Metal cans.....	281	100.0	68.8	13.3	6.3	4.8	5.8	.7	.3	a
3411	Metal cans.....	281	100.0	68.8	13.3	6.3	4.8	5.8	.7	.3	a
34111	Metal cans.....	281	100.0	68.8	13.3	6.3	4.8	5.8	.7	.3	a
349	Miscellaneous fabricated metal products	153	100.0	52.4	23.9	5.4	4.1	10.7	3.1	.4	d
3494	Valves and pipe fittings (except plumbers' brass goods and fittings).....	8	100.0	24.3	9.0	5.1	26.5	17.0	11.1	7.0	c
34941	Metal valves for piping, plumbing, and heating systems.....	7	100.0	16.4	9.9	5.7	30.5	17.9	12.7	6.9	c

See footnote at end of table.

TABLE 2. Percent Distribution of Commodities, by Distance of Shipment: 1967--Continued

TCC code	Commodity	Number	Percent distribution by distance of shipment								Sampling variability code ¹
			All distances	Under 100 miles	100 to 199 miles	200 to 299 miles	300 to 499 miles	500 to 999 miles	1,000 to 1,499 miles	1,500 miles or over	
	TONS OF SHIPMENTS--Continued	(thousands of tons)									
35	Machinery, except electrical.....	542	100.0	10.3	5.2	8.6	38.0	26.1	3.7	8.1	b
353	Construction, mining, and materials handling machinery and equipment.....	95	100.0	17.3	9.6	8.1	18.2	18.2	4.6	24.0	c
355	Special industry machinery (except metalworking machinery).....	36	100.0	28.4	16.9	9.6	6.6	28.3	5.2	5.0	d
3561	Pumps, air and gas compressors, and measuring and dispensing pumps, also pumping equipment.....	5	100.0	13.7	1.9	29.6	23.0	14.0	5.6	12.2	c
359	Miscellaneous machinery and parts (except electrical).....	17	100.0	20.8	12.2	3.9	4.7	18.1	13.8	26.5	d
3599	Miscellaneous machinery and parts (except electrical).....	17	100.0	20.8	12.2	3.9	4.7	18.1	13.8	26.5	d
35999	Machinery and parts, n.e.c. (except electrical).....	11	100.0	16.0	18.0	.5	6.6	17.8	17.5	23.6	c
36	Electrical machinery and equipment.....	560	100.0	23.3	10.8	7.9	9.1	27.5	12.4	9.0	c
361	Electrical transmission and distribution equipment.....	60	100.0	24.3	8.5	3.9	6.8	39.6	8.5	8.4	b
3611	Electrical measuring instruments and test equipment.....	3	100.0	21.2	5.8	14.4	9.2	14.5	13.0	21.9	c
36113	Indicating, recording, and measuring instruments (electrical qualities or characteristics).....	2	100.0	19.8	3.8	10.2	11.6	16.0	15.2	23.4	b
364	Electric lighting and wiring equipment.	60	100.0	14.0	7.9	5.5	11.0	39.8	12.6	9.2	d
3642	Lighting fixtures.....	44	100.0	16.3	8.9	6.5	13.4	34.7	8.6	11.6	d
365	Radio and television receiving sets (except communication types), phonographs, and phonograph records.....	124	100.0	20.9	7.7	5.7	8.7	15.2	30.2	11.6	c
367	Electronic components or accessories...	35	100.0	8.7	8.2	31.1	3.7	16.8	22.5	9.0	c
3679	Miscellaneous electronic components and accessories.....	29	100.0	8.2	8.4	37.2	3.4	11.5	25.7	5.6	c
36791	Miscellaneous electronic components and accessories.....	29	100.0	8.2	8.4	37.2	3.4	11.5	25.7	5.6	c
372	Aircraft and parts.....	3	100.0	37.1	1.4	2.2	1.6	2.5	46.2	9.0	d
38	Instruments, photographic goods, optical goods, watches, and clocks....	67	100.0	26.6	9.8	30.8	2.6	12.8	4.4	13.0	d
381	Engineering, laboratory, and scientific instruments.....	2	100.0	35.9	8.6	4.1	4.7	14.0	12.4	20.3	d
3811	Engineering, laboratory, and scientific instruments.....	2	100.0	35.9	8.6	4.1	4.7	14.0	12.4	20.3	d
38111	Aircraft flight, nautical, and navigational instruments and automatic pilots.....	1	100.0	19.5	9.7	2.6	1.4	9.6	21.7	35.5	c
39	Miscellaneous products of manufacturing	92	100.0	11.4	22.5	2.1	10.7	23.2	9.2	20.9	c

See footnote at end of table.

TABLE 2. Percent Distribution of Commodities, by Distance of Shipment: 1967--Continued

TCC code	Commodity	Number	Percent distribution by distance of shipment								Sampling variability code ¹
			All distances	Under 100 miles	100 to 199 miles	200 to 299 miles	300 to 499 miles	500 to 999 miles	1,000 to 1,499 miles	1,500 miles or over	
	TON-MILES OF SHIPMENTS	(millions of ton-miles)									
	Production Area 04, total.....	6,748	100.0	9.2	10.1	8.8	9.8	23.6	12.4	26.1	-
20	Food and kindred products.....	771	100.0	7.6	18.5	14.3	10.6	26.5	9.1	13.4	-
201	Meat, poultry, and small game; fresh, chilled or frozen.....	15	100.0	6.8	8.9	18.9	.1	65.3	-	-	-
2013	Meat products.....	4	100.0	16.4	19.1	64.2	.3	-	-	-	-
203	Canned and preserved fruits, vegetables, and seafoods.....	26	100.0	9.7	9.5	8.4	9.4	9.9	37.1	16.0	-
208	Beverages and flavoring extracts.....	421	100.0	9.0	23.6	17.9	11.3	15.6	6.9	15.7	-
209	Miscellaneous food preparations and kindred products.....	187	100.0	5.5	12.6	9.7	13.4	36.9	14.2	7.7	-
22	Basic textiles.....	119	100.0	1.7	1.4	1.8	3.0	18.0	5.9	68.2	-
23	Apparel, including knit apparel, and other finished textile products.....	57	100.0	2.2	3.2	1.5	5.3	25.7	13.9	48.2	-
233	Women's, misses', girls', and infants' clothing.....	24	100.0	1.7	2.4	.8	2.7	15.2	14.3	62.9	-
2331	Women's, misses', girls', and infants' clothing.....	24	100.0	1.7	2.4	.8	2.7	15.2	14.3	62.9	-
23311	Women's, misses', girls', and infants' clothing.....	24	100.0	1.7	2.4	.8	2.7	15.2	14.3	62.9	-
25	Furniture and fixtures.....	94	100.0	1.7	5.8	6.0	7.1	22.2	11.6	45.6	-
251	Household and office furniture.....	92	100.0	1.7	5.5	6.2	7.2	22.0	11.7	45.7	-
26	Pulp, paper, and allied products.....	246	100.0	14.5	13.1	11.6	15.5	25.2	7.5	12.6	-
26219	Paper, n.e.c.....	38	100.0	1.6	2.2	6.5	12.7	31.1	5.5	40.4	-
263	Paperboard, fiberboard, and pulpboard (except insulating board).....	26	100.0	31.7	17.4	5.4	6.5	34.3	4.7	-	-
2631	Paperboard, fiberboard, and pulpboard (except insulating board).....	26	100.0	31.7	17.4	5.4	6.5	34.3	4.7	-	-
26311	Paperboard, fiberboard, and pulpboard (except insulating board).....	26	100.0	31.7	17.4	5.4	6.5	34.3	4.7	-	-
264	Converted paper and paperboard products (except containers and boxes)...	89	100.0	11.7	17.1	12.7	9.2	27.4	13.5	8.4	-
265	Containers, boxes and related products, paperboard, fiberboard, and pulpboard.	56	100.0	22.8	13.6	8.2	32.3	18.7	1.0	3.4	-
2651	Containers, boxes, baskets, pallets and skids, paperboard, fiberboard, and pulpboard.....	44	100.0	18.5	15.1	5.4	39.9	15.7	1.0	4.4	-
26511	Containers and boxes, paperboard, fiberboard, and pulpboard.....	44	100.0	18.5	15.1	5.4	39.9	15.7	1.0	4.4	-
28	Chemicals and allied products.....	1,937	100.0	4.6	6.4	4.1	7.8	27.6	14.6	34.9	-
281	Industrial chemicals.....	592	100.0	5.7	8.3	3.9	5.4	14.4	5.0	57.3	-
2815	Dyes and dye (cyclic) intermediates and organic pigments (lakes and toners)...	48	100.0	4.0	4.3	2.5	4.6	64.0	15.1	5.5	-
28151	Cyclic intermediates derived from benzene, toluene, naphthalene, anthracene, pyridine, carbazole, and other cyclic chemical products.....	31	100.0	5.0	4.6	2.2	5.0	64.3	17.5	1.4	-
28156	Organic dyes.....	17	100.0	2.2	3.7	3.1	3.8	63.5	10.8	12.9	-
2818	Miscellaneous industrial organic chemicals.....	107	100.0	4.7	5.1	10.5	13.5	20.8	3.1	42.3	-
28189	Industrial organic chemicals, n.e.c....	30	100.0	5.9	12.8	3.3	21.4	42.8	2.7	11.1	-

See footnote at end of table.

TABLE 2. Percent Distribution of Commodities, by Distance of Shipment: 1967--Continued

TCC code	Commodity	Number	Percent distribution by distance of shipment								Sampling variability code ¹
			All distances	Under 100 miles	100 to 199 miles	200 to 299 miles	300 to 499 miles	500 to 999 miles	1,000 to 1,499 miles	1,500 miles or over	
	TON-MILES OF SHIPMENTS--Continued	(millions of ton-miles)									
2819	Miscellaneous industrial inorganic chemicals.....	323	100.0	5.0	7.8	1.3	1.9	0.9	0.8	82.3	-
28194	Inorganic acids and phosphorus compounds (except nitric and sulphuric acid).....	10	100.0	17.1	46.9	6.9	10.1	19.0	-	-	-
282	Plastic materials and plasticizers, synthetic resins, rubbers, and fibers.	198	100.0	3.3	4.9	4.0	17.2	46.4	19.6	4.6	-
2821	Plastic materials and plasticizers, synthetic resins, rubbers, and fibers.	198	100.0	3.3	4.9	4.0	17.2	46.4	19.6	4.6	-
28211	Plastic materials and plasticizers, synthetic resins, and nonvulcanizable elastomers.....	195	100.0	2.7	4.9	4.1	17.4	46.2	20.0	4.7	-
283	Drugs (biological products, medicinal chemicals, botanical products, and pharmaceutical preparations).....	365	100.0	.5	.5	.5	.7	29.4	17.5	50.9	-
2831	Drugs (biological products, medicinal chemicals, botanical products, and pharmaceutical preparations).....	365	100.0	.5	.5	.5	.7	29.4	17.5	50.9	-
28311	Drugs for human use.....	365	100.0	.5	.5	.5	.7	29.4	17.5	50.9	-
284	Soap and detergents, cleaning preparations, perfumes, cosmetics, and other toilet preparations.....	330	100.0	8.2	9.5	6.0	11.5	25.9	9.5	29.4	-
2841	Soap and other detergents (except specialty cleansers).....	149	100.0	12.0	13.7	9.3	19.4	22.9	3.9	18.8	-
28411	Synthetic organic detergents.....	95	100.0	17.7	18.9	12.0	22.9	24.2	4.3	-	-
28419	Soap or detergents, n.e.c. (except synthetic organic detergents and specialty cleansers).....	54	100.0	1.9	4.4	4.7	13.3	20.2	3.3	52.2	-
2842	Specialty cleaning, polishing, and sanitation preparations (except soap and detergents).....	11	100.0	16.1	31.9	12.7	1.8	20.6	10.7	6.2	-
28422	Specialty cleaning and sanitation preparations.....	7	100.0	18.0	33.4	16.1	2.3	13.1	17.1	-	-
2844	Perfumes, cosmetics, and other toilet preparations.....	151	100.0	1.2	4.3	2.7	5.0	27.3	15.5	44.0	-
28441	Perfumes, cosmetics, and other toilet preparations.....	151	100.0	1.2	4.3	2.7	5.0	27.3	15.5	44.0	-
285	Paints, varnishes, lacquers, enamels, and allied products.....	147	100.0	5.3	10.9	9.7	17.6	33.9	15.2	7.4	-
2851	Paints, varnishes, lacquers, enamels, and allied products.....	147	100.0	5.3	10.9	9.7	17.6	33.9	15.2	7.4	-
28511	Paints, varnishes, lacquers, enamels, and shellacs.....	130	100.0	5.0	11.1	10.4	18.6	31.6	16.9	6.4	-
287	Agricultural chemicals.....	134	100.0	2.1	1.8	2.6	4.7	30.4	54.1	4.3	-
289	Miscellaneous chemical products.....	171	100.0	5.1	7.7	5.6	7.1	43.6	14.1	16.8	-
2891	Glue and gelatin.....	62	100.0	6.5	14.1	3.3	5.5	53.6	5.1	11.9	-
28911	Glues, adhesives, sizes, and sizings...	62	100.0	6.5	14.1	3.3	5.5	53.6	5.1	11.9	-
2899	Chemical products, n.e.c.....	62	100.0	5.9	4.2	6.4	11.1	40.2	21.9	10.3	-
28999	Chemical products, n.e.c.....	39	100.0	5.1	4.1	2.9	13.6	52.2	15.2	6.9	-
29114	Lubricating oils and similar light oils and derivatives.....	280	100.0	3.1	4.2	7.2	7.8	18.4	41.6	17.7	-
295	Paving and roofing materials.....	87	100.0	50.4	20.7	17.1	5.7	3.3	2.3	-	-
2952	Asphalt felt and coatings.....	58	100.0	25.2	31.2	25.8	8.6	5.0	4.2	-	-

See footnote at end of table.

TABLE 2. Percent Distribution of Commodities, by Distance of Shipment: 1967--Continued

TCC code	Commodity	Number	Percent distribution by distance of shipment								Sampling variability code ¹
			All distances	Under 100 miles	100 to 199 miles	200 to 299 miles	300 to 499 miles	500 to 999 miles	1,000 to 1,499 miles	1,500 miles or over	
	TON-MILES OF SHIPMENTS--Continued	(millions of ton-miles)									
30	Rubber and miscellaneous plastics products.....	332	100.0	1.3	2.1	1.9	5.6	295.9	6.5	56.7	-
306	Miscellaneous fabricated rubber products.....	43	100.0	.8	3.2	.5	12.7	25.2	8.3	49.3	-
3061	Miscellaneous fabricated rubber products.....	43	100.0	.8	3.2	.5	12.7	25.2	8.3	49.3	-
30619	Fabricated rubber products, n.e.c.....	26	100.0	1.0	4.2	.6	7.1	12.9	8.0	66.2	-
307	Miscellaneous plastic products.....	289	100.0	1.3	1.9	2.1	4.5	26.1	6.2	57.9	-
3071	Miscellaneous plastic products.....	289	100.0	1.3	1.9	2.1	4.5	26.1	6.2	57.9	-
30714	Unsupported vinyl and polyethylene film and sheeting.....	106	100.0	2.0	1.4	2.5	3.3	32.7	6.4	51.7	-
30719	Fabricated plastics products, n.e.c. (including footwear made wholly of plastic).....	133	100.0	.6	2.0	1.4	5.1	17.3	4.5	69.1	-
31	Leather and leather products.....	15	100.0	1.7	9.3	3.9	8.4	28.5	9.9	38.3	-
316	Luggage and handbags (all materials), and other personal leather goods.....	12	100.0	.5	4.9	2.7	6.2	27.8	11.8	46.1	-
3161	Luggage and handbags (all materials), and other personal leather goods.....	12	100.0	.5	4.9	2.7	6.2	27.8	11.8	46.1	-
31611	Luggage, all materials.....	12	100.0	.5	4.9	2.7	6.2	27.8	11.8	46.1	-
32	Stone, clay, and glass products.....	153	100.0	21.1	23.7	18.5	14.3	13.2	4.7	4.5	-
322	Glass and glassware, pressed and blown.....	37	100.0	21.7	34.3	19.3	6.2	14.3	3.7	.5	-
327	Concrete, gypsum, plaster, and plaster products.....	38	100.0	24.7	22.3	24.4	26.6	2.0	-	-	-
3271	Concrete products.....	26	100.0	30.5	28.8	20.6	18.0	2.1	-	-	-
3292	Asbestos products.....	8	100.0	7.3	15.6	18.8	25.1	21.7	7.7	3.8	-
33	Primary metal products.....	726	100.0	3.9	11.5	12.2	16.1	21.3	14.2	20.8	-
3312	Primary iron and steel products (except coke-oven products).....	28	100.0	5.6	16.8	10.8	29.6	11.6	4.2	21.4	-
335	Nonferrous metal basic shapes.....	453	100.0	2.7	12.0	3.7	8.8	24.1	20.4	28.3	-
3351	Copper, brass, bronze, and other copper base alloy basic shapes.....	164	100.0	5.4	21.2	7.0	12.6	28.1	12.2	13.5	-
33511	Copper, brass, bronze, and other copper base alloy rods and bars.....	129	100.0	6.3	26.2	6.9	13.2	29.2	1.2	17.0	-
3356	Miscellaneous nonferrous metal basic shapes (plate, sheet, strip, rods, bars, pipe, and tubing).....	2	100.0	1.9	22.3	3.0	16.9	44.2	5.6	6.1	-
3357	Nonferrous wire (including insulated wire).....	286	100.0	1.0	6.7	1.8	6.5	21.8	25.3	36.9	-
33574	Wire and cable, insulated, enameled or covered.....	264	100.0	1.0	6.2	1.9	6.3	21.1	26.3	37.2	-
336	Nonferrous and nonferrous base alloy castings.....	11	100.0	4.9	7.6	13.6	16.7	24.1	7.0	26.1	-
339	Miscellaneous primary metal products...	5	100.0	3.9	22.5	9.0	10.9	48.1	2.4	3.2	-
3399	Primary metal products, n.e.c.....	3	100.0	1.6	6.5	10.9	10.3	67.1	3.3	.3	-
34	Fabricated metal products.....	233	100.0	7.9	9.4	7.4	9.3	40.1	11.9	14.0	-
341	Metal cans.....	37	100.0	16.6	17.3	12.7	11.9	30.9	5.6	5.0	-
3411	Metal cans.....	37	100.0	16.6	17.3	12.7	11.9	30.9	5.6	5.0	-
34111	Metal cans.....	37	100.0	16.6	17.3	12.7	11.9	30.9	5.6	5.0	-
349	Miscellaneous fabricated metal products	32	100.0	11.8	18.0	5.5	8.5	34.4	17.4	4.4	-
3494	Valves and pipe fittings (except plumbers' brass goods and fittings).....	5	100.0	1.5	2.1	2.4	18.9	22.5	25.6	27.0	-
34941	Metal valves for piping, plumbing, and heating systems.....	4	100.0	1.0	2.2	2.5	20.4	22.1	27.4	24.4	-

See footnote at end of table.

TABLE 2. Percent Distribution of Commodities, by Distance of Shipment: 1967--Continued

TCC code	Commodity	Number	Percent distribution by distance of shipment								Sampling variability code ¹
			All distances	Under 100 miles	100 to 199 miles	200 to 299 miles	300 to 499 miles	500 to 999 miles	1,000 to 1,499 miles	1,500 miles or over	
	TON-MILES OF SHIPMENTS--Continued	(millions of ton-miles)									
35	Machinery, except electrical.....	325	100.0	0.6	1.3	3.9	29.6	27.9	7.2	29.5	-
353	Construction, mining, and materials handling machinery and equipment.....	78	100.0	.7	1.9	2.5	9.3	16.3	6.8	62.5	-
355	Special industry machinery (except metalworking machinery).....	17	100.0	2.1	5.6	4.7	5.9	43.7	12.6	25.4	-
3561	Pumps, air and gas compressors, and measuring and dispensing pumps, also pumping equipment.....	3	100.0	1.1	.5	14.7	14.0	16.2	12.4	41.1	-
359	Miscellaneous machinery and parts (except electrical).....	15	100.0	1.4	1.9	1.1	2.0	17.2	19.8	56.6	-
3599	Miscellaneous machinery and parts (except electrical).....	15	100.0	1.4	1.9	1.1	2.0	17.2	19.8	56.6	-
35999	Machinery and parts, n.e.c. (except electrical).....	11	100.0	.8	2.6	.1	2.7	16.4	24.5	52.9	-
36	Electrical machinery and equipment.....	350	100.0	1.5	2.8	3.3	6.1	31.2	23.9	31.2	-
361	Electrical transmission and distribution equipment.....	39	100.0	2.2	2.3	1.4	4.5	42.1	17.1	30.4	-
3611	Electrical measuring instruments and test equipment.....	2	100.0	1.0	1.1	4.2	3.9	12.2	19.5	58.1	-
36113	Indicating, recording, and measuring instruments (electrical qualities or characteristics).....	2	100.0	.9	.7	3.0	4.5	12.5	21.5	56.9	-
364	Electric lighting and wiring equipment.	43	100.0	.9	1.8	1.9	6.5	41.4	20.2	27.3	-
3642	Lighting fixtures.....	31	100.0	1.0	2.1	2.3	7.9	37.6	14.8	34.3	-
365	Radio and television receiving sets (except communication types), phonographs, and phonograph records.....	99	100.0	.9	1.5	1.9	4.3	13.6	45.0	32.8	-
367	Electronic components or accessories...	26	100.0	.5	1.7	11.5	2.0	16.1	39.5	28.7	-
3679	Miscellaneous electronic components and accessories.....	20	100.0	.6	1.8	15.0	2.0	12.4	49.1	19.1	-
36791	Miscellaneous electronic components and accessories.....	20	100.0	.6	1.8	15.0	2.0	12.4	49.1	19.1	-
372	Aircraft and parts.....	3	100.0	2.5	.3	.7	.8	2.0	69.8	23.9	-
38	Instruments, photographic goods, optical goods, watches, and clocks....	37	100.0	1.9	2.9	14.6	1.8	15.9	9.8	53.1	-
381	Engineering, laboratory, and scientific instruments.....	1	100.0	1.0	1.9	1.4	2.7	13.6	21.2	58.2	-
3811	Engineering, laboratory, and scientific instruments.....	1	100.0	1.0	1.9	1.4	2.7	13.6	21.2	58.2	-
38111	Aircraft flight, nautical, and navigational instruments and automatic pilots.....	1	100.0	.4	1.4	.6	.4	6.8	24.6	65.8	-
39	Miscellaneous products of manufacturing	81	100.0	.4	4.8	.6	5.4	19.3	11.6	57.9	-

¹Code letter indicates a sampling variability range as follows: a, 0-9 percent; b, 10-19 percent; c, 20-29 percent; and d, 30-50 percent. The variability for ton-miles has not been estimated.

TABLE 3. Percent Distribution of Commodities, by Geographic Division of Destination: 1967

TCC code	Commodity	Number	Percent distribution by geographic division ¹ of destination										Sampling variability code ³
			All means of transport	New England	Middle Atlantic	East North Central	West North Central	South Atlantic	East South Central	West South Central	Mountain	Pacific ²	
	TONS OF SHIPMENTS	(thous. of tons)											
	Production Area 04, total.....	27,290	100.0	15.3	60.9	7.7	1.4	9.6	1.1	1.4	0.5	2.1	-
20	Food and kindred products.....	3,465	100.0	16.8	56.1	6.7	.8	17.3	.9	.2	.1	1.1	b
22	Basic textiles.....	152	100.0	5.1	41.0	12.8	4.9	11.7	1.4	1.2	.1	21.8	d
23	Apparel, including knit apparel, and other finished textile products.....	99	100.0	9.7	41.8	15.7	3.2	13.1	2.2	3.3	.9	10.1	d
25	Furniture and fixtures.....	164	100.0	6.6	36.5	21.8	1.7	16.9	1.6	3.5	3.9	7.5	d
26	Pulp, paper, and allied products.....	1,438	100.0	12.9	69.4	6.3	.5	8.3	1.4	.5	-	.7	c
28	Chemicals and allied products.....	4,938	100.0	8.9	52.6	10.8	3.2	14.9	1.8	2.3	1.4	4.1	a
30	Rubber and miscellaneous plastics products.....	435	100.0	7.4	30.9	20.3	2.4	8.9	8.5	4.0	.4	17.2	c
31	Leather and leather products.....	28	100.0	24.4	22.9	15.4	3.7	15.1	6.7	3.3	.5	8.0	d
32	Stone, clay, and glass products.....	1,191	100.0	16.7	68.9	2.9	.2	10.2	.5	.3	.2	.1	c
33	Primary metal products.....	2,124	100.0	11.7	50.3	17.1	1.4	12.8	.9	2.9	.4	2.5	d
34	Fabricated metal products.....	920	100.0	16.5	55.8	13.6	.8	8.5	1.8	1.7	.3	1.0	b
35	Machinery, except electrical.....	542	100.0	3.2	19.8	54.9	2.1	7.4	2.4	3.0	3.8	3.4	b
36	Electrical machinery and equipment.....	560	100.0	6.7	31.0	20.9	7.9	18.5	2.0	4.6	3.0	5.4	c
38	Instruments, photographic goods, optical goods, watches, and clocks....	67	100.0	16.5	35.0	6.7	1.2	23.3	1.3	5.5	.7	9.8	d
39	Miscellaneous products of manufacturing	92	100.0	20.8	14.6	15.6	3.6	17.1	6.1	1.5	.4	20.3	c
	TON-MILES OF SHIPMENTS	(millions of ton-miles)											
	Production Area 04, total.....	6,748	100.0	8.2	17.4	17.8	5.6	14.9	3.4	7.3	4.3	21.1	-
20	Food and kindred products.....	771	100.0	13.4	19.8	19.1	4.0	26.5	2.8	1.0	1.3	12.1	-
22	Basic textiles.....	119	100.0	1.0	3.4	10.6	6.4	7.2	1.4	1.9	.3	67.8	-
23	Apparel, including knit apparel, and other finished textile products.....	57	100.0	2.2	4.3	17.0	5.8	12.8	2.9	8.1	3.3	43.6	-
25	Furniture and fixtures.....	94	100.0	1.9	8.1	20.5	3.1	10.9	1.8	8.3	13.1	32.3	-
26	Pulp, paper, and allied products.....	246	100.0	12.7	23.0	20.7	2.8	19.4	5.6	3.7	.1	12.0	-
28	Chemicals and allied products.....	1,937	100.0	3.5	10.0	16.5	7.8	16.1	3.9	7.8	8.0	26.4	-
30	Rubber and miscellaneous plastics products.....	332	100.0	1.6	3.2	15.1	2.9	5.7	9.3	6.2	1.1	54.9	-
31	Leather and leather products.....	15	100.0	8.9	4.2	15.3	6.3	9.0	10.8	8.5	1.9	35.1	-
32	Stone, clay, and glass products.....	153	100.0	22.8	33.4	13.1	1.3	18.9	2.8	3.4	2.1	2.2	-
33	Primary metal products.....	726	100.0	5.4	19.8	25.1	4.1	12.1	2.0	11.6	2.0	17.9	-
34	Fabricated metal products.....	233	100.0	8.9	14.3	33.5	3.3	12.6	5.1	9.4	2.5	10.4	-
35	Machinery, except electrical.....	325	100.0	1.0	4.7	47.8	3.6	6.2	3.0	6.7	12.9	14.1	-
36	Electrical machinery and equipment.....	350	100.0	1.7	4.9	20.1	14.4	16.6	2.7	10.1	8.6	20.9	-
38	Instruments, photographic goods, optical goods, watches, and clocks....	37	100.0	5.4	6.9	7.9	2.2	15.3	1.9	14.1	2.3	44.0	-
39	Miscellaneous products of manufacturing	81	100.0	4.4	1.3	9.9	4.1	13.5	7.0	2.2	.9	56.7	-

¹States included in the geographic divisions are as follows: NEW ENGLAND--Maine, New Hampshire, Vermont, Massachusetts, Rhode Island, and Connecticut; MIDDLE ATLANTIC--New York, New Jersey, and Pennsylvania; EAST NORTH CENTRAL--Ohio, Indiana, Illinois, Michigan, and Wisconsin; WEST NORTH CENTRAL--Minnesota, Iowa, Missouri, North Dakota, South Dakota, Nebraska, and Kansas; SOUTH ATLANTIC--Delaware, Maryland, District of Columbia, Virginia, West Virginia, North Carolina, South Carolina, Georgia, and Florida; EAST SOUTH CENTRAL--Kentucky, Tennessee, Alabama, and Mississippi; WEST SOUTH CENTRAL--Arkansas, Louisiana, Oklahoma, and Texas; MOUNTAIN--Montana, Idaho, Wyoming, Colorado, New Mexico, Arizona, Utah, and Nevada; PACIFIC--Washington, Oregon, California, Alaska, and Hawaii.

²Shipments to Alaska and Hawaii from the 48 conterminous States and the District of Columbia are included; no data were obtained for shipments originating in Alaska and Hawaii.

³Code letter indicates a sampling variability range as follows: a, 0-9 percent; b, 10-19 percent; c, 20-29 percent; and d, 30-50 percent. The variability for ton-miles has not been estimated.

TABLE 4. Percent Distribution of Commodities, by Production Area of Destination: 1967

TCC code	Commodity	Number	Percent distribution by production area ¹ of destination							
			Total	1 (BOST)	2 (HART)	3 (NYNY)	4 ² (N. NJ)	5 (PHIL)	6 (BALT)	7 (ALLN)
	TONS OF SHIPMENTS	(thousands of tons)								
	Production Area 04, total.....	27,290	100.0	3.5	8.8	22.7	13.1	7.1	2.3	1.3
20	Food and kindred products.....	3,465	100.0	7.9	3.0	16.8	10.2	9.8	3.3	1.8
201	Meat, poultry, and small game; fresh, chilled or frozen.....	64	100.0	7.2	2.3	27.1	8.3	7.7	.1	3.6
2013	Meat products.....	37	100.0	3.8	3.4	33.2	14.3	3.2	.2	2.8
203	Canned and preserved fruits, vegetables, and seafoods.....	129	100.0	3.1	5.7	34.2	19.6	5.2	1.0	1.8
208	Beverages and flavoring extracts.....	2,147	100.0	9.8	3.7	15.9	9.7	9.1	2.3	2.5
209	Miscellaneous food preparations and kindred products.....	686	100.0	6.5	1.4	17.4	9.3	10.6	3.0	.7
22	Basic textiles.....	152	100.0	2.9	1.5	23.0	4.4	4.4	.3	.5
23	Apparel, including knit apparel, and other finished textile products.....	99	100.0	3.1	3.9	23.3	6.5	3.5	2.3	.2
233	Women's, misses', girls', and infants' clothing.....	35	100.0	3.9	1.3	24.0	12.3	2.4	.8	.2
2331	Women's, misses', girls', and infants' clothing.....	35	100.0	3.9	1.3	24.0	12.3	2.4	.8	.2
23311	Women's, misses', girls', and infants' clothing.....	35	100.0	3.9	1.3	24.0	12.3	2.4	.8	.2
25	Furniture and fixtures.....	164	100.0	4.1	.6	6.8	2.6	5.2	3.8	.2
251	Household and office furniture.....	157	100.0	4.1	.5	6.2	2.3	5.4	4.0	.2
26	Pulp, paper, and allied products.....	1,438	100.0	5.3	5.0	27.0	14.7	12.4	1.4	2.3
26219	Paper, n.e.c.....	66	100.0	3.5	1.7	14.7	1.5	5.3	1.3	.3
263	Paperboard, fiberboard, and pulpboard (except insulating board).....	270	100.0	5.0	2.5	20.5	32.7	15.9	.9	1.5
2631	Paperboard, fiberboard, and pulpboard (except insulating board).....	270	100.0	5.0	2.5	20.5	32.7	15.9	.9	1.5
26311	Paperboard, fiberboard, and pulpboard (except insulating board).....	270	100.0	5.0	2.5	20.5	32.7	15.9	.9	1.5
264	Converted paper and paperboard products (except containers and boxes)....	431	100.0	7.3	12.0	21.3	5.9	13.1	.4	.6
265	Containers, boxes and related products, paperboard, fiberboard, and pulpboard.	494	100.0	1.8	2.4	39.8	16.5	7.9	.5	5.3
2651	Containers, boxes, baskets, pallets and skids, paperboard, fiberboard, and pulpboard.....	318	100.0	1.9	3.5	21.6	19.5	9.7	.5	8.3
26511	Containers and boxes, paperboard, fiberboard, and pulpboard.....	318	100.0	1.9	3.6	21.6	19.5	9.6	.5	8.3
28	Chemicals and allied products.....	4,938	100.0	3.2	2.9	8.4	16.1	12.9	4.0	2.0
281	Industrial chemicals.....	1,597	100.0	2.1	2.6	3.8	22.5	14.9	6.6	3.2
2815	Dyes and dye (cyclic) intermediates and organic pigments (lakes and toners)...	127	100.0	2.6	.6	1.3	23.7	19.3	1.5	.3
28151	Cyclic intermediates derived from benzene, toluene, naphthalene, anthracene, pyridine, carbazole, and other cyclic chemical products.....	94	100.0	2.0	.6	.9	31.5	19.9	.3	.4
28156	Organic dyes.....	33	100.0	4.3	.6	2.6	1.5	17.7	5.2	.2
2818	Miscellaneous industrial organic chemicals.....	345	100.0	3.6	1.2	3.5	32.1	9.0	1.0	.5
28189	Industrial organic chemicals, n.e.c.....	133	100.0	2.4	1.6	2.1	35.1	8.0	1.8	-

See footnotes at end of table.

TABLE 4. Percent Distribution of Commodities, by Production Area of Destination: 1967--Continued

TCC code	Commodity	Percent distribution by production area ¹ of destination--Continued									
		8 (HARR)	9 (SYRA)	10 (BUFF)	11 (CLEV)	12 (PITT)	13 (DETR)	14 (CINC)	15 (CHIC)	16 (MILW)	17 (M-SP)
	TONS OF SHIPMENTS										
	Production Area 04, total.....	0.6	2.2	2.6	1.2	1.0	1.6	0.5	1.9	0.2	0.1
20	Food and kindred products.....	1.6	3.0	2.1	.9	1.8	.7	.2	3.3	.1	-
201	Meat, poultry, and small game; fresh, chilled or frozen.....	-	2.0	3.1	-	-	-	-	.1	-	-
2013	Meat products.....	-	3.4	5.3	-	-	.1	-	-	-	-
203	Canned and preserved fruits, vegetables, and seafoods.....	.3	1.4	2.2	3.1	1.9	-	.2	.7	.2	-
208	Beverages and flavoring extracts.....	.9	2.4	2.1	.5	1.4	.4	-	.9	-	-
209	Miscellaneous food preparations and kindred products.....	2.2	6.8	2.1	2.5	3.2	1.8	.7	4.0	.6	.1
22	Basic textiles.....	.6	2.1	2.0	.9	.8	.5	.3	9.7	.3	1.7
23	Apparel, including knit apparel, and other finished textile products.....	.9	.7	.4	1.9	1.8	.7	.9	8.1	.7	.6
233	Women's, misses', girls', and infants' clothing.....	2.3	1.6	.5	.7	.7	1.7	1.4	3.5	1.3	.5
2331	Women's, misses', girls', and infants' clothing.....	2.3	1.6	.5	.7	.7	1.7	1.4	3.5	1.3	.5
23311	Women's, misses', girls', and infants' clothing.....	2.3	1.6	.5	.7	.7	1.7	1.4	3.5	1.3	.5
25	Furniture and fixtures.....	.8	2.2	7.2	.5	.3	5.3	10.5	2.6	-	-
251	Household and office furniture.....	.8	2.3	7.5	.5	.3	5.6	10.9	2.6	-	-
26	Pulp, paper, and allied products.....	.6	1.0	1.2	.4	.4	2.9	.1	.8	-	.1
26219	Paper, n.e.c.....	.3	.9	.9	.7	1.1	1.2	.8	6.0	-	.1
263	Paperboard, fiberboard, and pulpboard (except insulating board).....	.8	.2	.1	.2	.9	.3	-	.8	-	-
2631	Paperboard, fiberboard, and pulpboard (except insulating board).....	.8	.2	.1	.2	.9	.3	-	.8	-	-
26311	Paperboard, fiberboard, and pulpboard (except insulating board).....	.8	.2	.1	.2	.9	.3	-	.8	-	-
264	Converted paper and paperboard products (except containers and boxes)....	1.0	1.6	1.2	.9	.2	.7	.1	.8	-	-
265	Containers, boxes and related products, paperboard, fiberboard, and pulpboard.	.2	.6	2.3	.1	-	7.4	-	.3	-	-
2651	Containers, boxes, baskets, pallets and skids, paperboard, fiberboard, and pulpboard.....	.2	.6	2.6	-	-	11.5	-	.3	-	-
26511	Containers and boxes, paperboard, fiberboard, and pulpboard.....	.2	.6	2.6	-	-	11.5	-	.3	-	-
28	Chemicals and allied products.....	1.0	2.7	2.2	1.3	1.6	.9	.5	2.7	.1	.2
281	Industrial chemicals.....	1.2	4.2	2.9	.7	1.1	.5	.9	1.3	-	-
2815	Dyes and dye (cyclic) intermediates and organic pigments (lakes and toners)...	-	.2	.7	.7	-	1.9	.9	3.8	.3	-
28151	Cyclic intermediates derived from benzene, toluene, naphthalene, anthracene, pyridine, carbazole, and other cyclic chemical products.....	-	.1	.4	.9	-	2.2	.9	.9	-	-
28156	Organic dyes.....	-	.3	1.3	.1	.1	1.1	.7	12.2	1.1	.2
2818	Miscellaneous industrial organic chemicals.....	-	.9	10.1	2.4	1.0	.8	.8	1.6	-	-
28189	Industrial organic chemicals, n.e.c....	-	.8	1.0	2.4	2.5	.2	2.1	1.0	-	-

See footnotes at end of table.

TABLE 4. Percent Distribution of Commodities, by Production Area of Destination: 1967--Continued

TCC code	Commodity	Percent distribution by production area ¹ of destination--Continued									Sampling variability code ²
		18 (STLO)	19 (ATLA)	20 (DALL)	21 (HOUS)	22 (DENV)	23 (SETL)	24 (SANF)	25 (LOSA)	All other	
	TONS OF SHIPMENTS										
	Production Area 04, total.....	0.4	0.6	0.4	0.3	0.1	0.2	0.5	1.2	25.6	-
20	Food and kindred products.....	.4	.2	.1	-	-	.2	.1	.5	32.0	b
201	Meat, poultry, and small game; fresh, chilled or frozen.....	18.2	-	-	-	-	-	-	-	20.3	d
2013	Meat products.....	-	-	-	-	-	-	-	-	30.3	d
203	Canned and preserved fruits, vegetables, and seafoods.....	-	.8	-	-	-	-	-	1.0	17.6	d
208	Beverages and flavoring extracts.....	-	.2	.1	-	-	.3	.1	.5	37.2	b
209	Miscellaneous food preparations and kindred products.....	.2	-	.1	.2	.2	-	-	.6	25.8	c
22	Basic textiles.....	.3	.9	.3	.3	.1	.2	.7	18.5	22.8	d
23	Apparel, including knit apparel, and other finished textile products.....	.5	1.5	.8	1.6	.2	.3	3.5	5.4	26.7	d
233	Women's, misses', girls', and infants' clothing.....	1.2	.7	1.8	.7	.6	.6	.3	14.4	20.6	d
2331	Women's, misses', girls', and infants' clothing.....	1.2	.7	1.8	.7	.6	.6	.3	14.4	20.6	d
23311	Women's, misses', girls', and infants' clothing.....	1.2	.7	1.8	.7	.6	.6	.3	14.4	20.6	d
25	Furniture and fixtures.....	.1	.7	2.7	-	.1	-	.2	5.5	38.0	d
251	Household and office furniture.....	.1	.6	2.8	-	.1	-	.2	5.5	37.5	d
26	Pulp, paper, and allied products.....	.2	.8	.1	-	-	-	.1	.4	22.8	c
26219	Paper, n.e.c.....	.6	.6	-	.2	-	.3	1.0	2.3	54.7	d
263	Paperboard, fiberboard, and pulpboard (except insulating board).....	-	-	.3	-	-	-	-	-	17.4	c
2631	Paperboard, fiberboard, and pulpboard (except insulating board).....	-	-	.3	-	-	-	-	-	17.4	c
26311	Paperboard, fiberboard, and pulpboard (except insulating board).....	-	-	.3	-	-	-	-	-	17.4	c
264	Converted paper and paperboard products (except containers and boxes)....	-	2.0	-	-	-	-	.3	.1	30.5	d
265	Containers, boxes and related products, paperboard, fiberboard, and pulpboard.	.3	-	-	-	-	-	-	.2	14.4	d
2651	Containers, boxes, baskets, pallets and skids, paperboard, fiberboard, and pulpboard.....	-	.1	-	-	-	-	-	.2	19.5	d
26511	Containers and boxes, paperboard, fiberboard, and pulpboard.....	-	.1	-	-	-	-	-	.2	19.5	d
28	Chemicals and allied products.....	1.1	1.6	1.1	.6	-	.1	.8	3.0	29.0	a
281	Industrial chemicals.....	.7	.6	-	.4	-	-	1.3	7.3	21.2	b
2815	Dyes and dye (cyclic) intermediates and organic pigments (lakes and toners)...	4.8	1.7	-	.9	-	-	.3	.4	34.1	d
28151	Cyclic intermediates derived from benzene, toluene, naphthalene, anthracene, pyridine, carbazole, and other cyclic chemical products.....	6.5	.8	-	-	-	-	-	.1	31.6	d
28156	Organic dyes.....	-	4.2	-	3.6	-	-	1.0	1.0	41.0	c
2818	Miscellaneous industrial organic chemicals.....	.5	.1	-	.3	.2	-	4.9	.1	25.4	d
28189	Industrial organic chemicals, n.e.c.....	1.2	.2	.1	-	.5	-	.3	.2	36.5	c

See footnotes at end of table.

TABLE 4. Percent Distribution of Commodities, by Production Area of Destination: 1967 --Continued

TCC code	Commodity	Number	Percent distribution by production area ¹ of destination							
			Total	1 (BOST)	2 (HART)	3 (NYNY)	4 ² (N. NJ)	5 (PHIL)	6 (BALT)	7 (ALLN)
	TONS OF SHIPMENTS--Con.	(thousands of tons)								
2819	Miscellaneous industrial inorganic chemicals.....	608	100.0	.6	4.3	2.1	13.2	18.3	7.3	5.8
28194	Inorganic acids and phosphorus compounds (except nitric and sulphuric acid).....	108	100.0	3.2	.2	4.4	40.5	4.9	23.6	-
282	Plastic materials and plasticizers, synthetic resins, rubbers, and fibers.	496	100.0	3.1	1.4	9.9	8.7	6.7	4.9	2.2
2821	Plastic materials and plasticizers, synthetic resins, rubbers, and fibers.	496	100.0	3.1	1.4	9.9	8.7	6.7	4.9	2.2
28211	Plastic materials and plasticizers, synthetic resins, and nonvulcanizable elastomers.....	476	100.0	3.2	1.4	9.7	8.6	7.0	5.1	2.3
283	Drugs (biological products, medicinal chemicals, botanical products, and pharmaceutical preparations).....	356	100.0	1.5	.6	2.6	6.0	1.2	.2	4.2
2831	Drugs (biological products, medicinal chemicals, botanical products, and pharmaceutical preparations).....	356	100.0	1.5	.6	2.6	6.0	1.2	.2	4.2
28311	Drugs for human use.....	356	100.0	1.5	.6	2.6	6.0	1.2	.2	4.2
284	Soap and detergents, cleaning preparations, perfumes, cosmetics, and other toilet preparations.....	1,186	100.0	4.0	5.0	12.3	16.9	20.2	2.8	.2
2841	Soap and other detergents (except specialty cleansers).....	762	100.0	3.5	6.2	9.1	22.4	21.4	2.8	.1
28411	Synthetic organic detergents.....	662	100.0	3.0	6.5	8.8	24.6	24.2	2.9	.1
28419	Soap or detergents, n.e.c. (except synthetic organic detergents and specialty cleansers).....	100	100.0	6.7	3.9	11.0	7.7	2.9	2.6	.5
2842	Specialty cleaning, polishing, and sanitation preparations (except soap and detergents).....	73	100.0	7.1	2.5	16.4	11.0	20.0	3.9	.5
28422	Specialty cleaning and sanitation preparations.....	48	100.0	10.8	2.9	8.9	15.9	23.2	5.5	.1
2844	Perfumes, cosmetics, and other toilet preparations.....	217	100.0	6.4	4.2	8.7	3.2	5.9	2.7	.2
28441	Perfumes, cosmetics, and other toilet preparations.....	217	100.0	6.4	4.2	8.7	3.2	5.9	2.7	.2
285	Paints, varnishes, lacquers, enamels, and allied products.....	508	100.0	5.5	4.0	12.4	11.3	8.4	2.7	1.3
2851	Paints, varnishes, lacquers, enamels, and allied products.....	508	100.0	5.5	4.0	12.4	11.3	8.4	2.7	1.3
28511	Paints, varnishes, lacquers, enamels, and shellacs.....	449	100.0	5.5	3.1	13.7	10.2	7.8	2.9	1.4
287	Agricultural chemicals.....	230	100.0	.9	1.0	6.9	4.5	4.7	.2	2.0
289	Miscellaneous chemical products.....	565	100.0	4.3	2.0	12.4	18.3	12.5	3.2	1.0
2891	Glue and gelatin.....	230	100.0	5.6	3.3	19.3	9.3	9.8	5.3	.7
28911	Glues, adhesives, sizes, and sizings...	230	100.0	5.6	3.3	19.3	9.3	9.8	5.3	.7
2899	Chemical products, n.e.c.....	238	100.0	2.0	.5	10.1	26.8	18.8	1.6	1.2
28999	Chemical products, n.e.c.....	138	100.0	2.9	.4	10.9	32.8	8.5	2.2	1.8
29114	Lubricating oils and similar light oils and derivatives.....	617	100.0	5.4	4.1	10.3	7.3	9.3	4.2	1.6
295	Paving and roofing materials.....	1,346	100.0	.5	2.7	32.8	32.6	2.5	.6	4.4
2952	Asphalt felt and coatings.....	494	100.0	1.4	5.8	28.2	10.1	6.9	1.6	1.6

See footnotes at end of table.

TABLE 4. Percent Distribution of Commodities, by Production Area of Destination: 1967--Continued

TCC code	Commodity	Percent distribution by production area ¹ of destination--Continued									
		8 (HARR)	9 (SYRA)	10 (BUFF)	11 (CLEV)	12 (PITT)	13 (DETR)	14 (CINC)	15 (CHIC)	16 (MILW)	17 (M-SP)
	TONS OF SHIPMENTS--Con.										
2819	Miscellaneous industrial inorganic chemicals.....	2.7	9.0	0.7	-	0.6	-	-	-	-	-
28194	Inorganic acids and phosphorus compounds (except nitric and sulphuric acid).....	-	-	-	-	3.2	-	-	-	-	-
282	Plastic materials and plasticizers, synthetic resins, rubbers, and fibers.	.1	1.7	3.2	4.5	.4	2.3	0.4	10.8	0.1	0.2
2821	Plastic materials and plasticizers, synthetic resins, rubbers, and fibers.	.1	1.7	3.2	4.5	.4	2.3	.4	10.8	.1	.2
28211	Plastic materials and plasticizers, synthetic resins, and nonvulcanizable elastomers.....	.1	1.8	3.4	4.7	.4	2.4	.1	11.0	.1	.2
283	Drugs (biological products, medicinal chemicals, botanical products, and pharmaceutical preparations).....	.5	.1	.2	.5	.2	.4	.3	2.3	.2	.2
2831	Drugs (biological products, medicinal chemicals, botanical products, and pharmaceutical preparations).....	.5	.1	.2	.5	.2	.4	.3	2.3	.2	.2
28311	Drugs for human use.....	.5	.1	.2	.5	.2	.4	.3	2.3	.2	.2
284	Soap and detergents, cleaning preparations, perfumes, cosmetics, and other toilet preparations.....	.6	3.1	2.4	.3	2.7	1.1	.5	2.3	.2	.1
2841	Soap and other detergents (except specialty cleansers).....	.4	4.2	3.0	.1	3.3	1.0	.7	1.1	.2	-
28411	Synthetic organic detergents.....	.1	4.6	3.1	-	3.7	.4	.7	1.1	-	-
28419	Soap or detergents, n.e.c. (except synthetic organic detergents and specialty cleansers).....	2.2	1.7	2.8	.5	.7	5.0	.8	.5	1.4	.1
2842	Specialty cleaning, polishing, and sanitation preparations (except soap and detergents).....	2.1	3.3	1.9	.2	.4	-	-	3.6	-	-
28422	Specialty cleaning and sanitation preparations.....	.6	4.5	1.7	.3	.6	-	.1	1.5	-	-
2844	Perfumes, cosmetics, and other toilet preparations.....	1.2	.8	1.8	1.0	3.1	2.5	.4	4.4	.4	.4
28441	Perfumes, cosmetics, and other toilet preparations.....	1.2	.8	1.8	1.0	3.1	2.5	.4	4.4	.4	.4
285	Paints, varnishes, lacquers, enamels, and allied products.....	1.3	2.7	1.5	1.4	3.5	1.7	.3	2.3	.2	.7
2851	Paints, varnishes, lacquers, enamels, and allied products.....	1.3	2.7	1.5	1.4	3.5	1.7	.3	2.3	.2	.7
28511	Paints, varnishes, lacquers, enamels, and shellacs.....	1.1	2.8	1.5	1.4	4.0	1.7	.3	1.2	.2	.8
287	Agricultural chemicals.....	-	1.8	.4	7.1	-	-	-	.6	-	.9
289	Miscellaneous chemical products.....	2.3	.4	1.5	.4	2.0	.3	.2	1.9	-	.2
2891	Glue and gelatin.....	4.9	.1	.7	1.0	2.4	-	-	.1	-	-
28911	Glues, adhesives, sizes, and sizings...	4.9	.1	.7	1.0	2.4	-	-	.1	-	-
2899	Chemical products, n.e.c.....	.3	.4	1.7	.1	1.2	.3	.2	1.3	.1	.5
28999	Chemical products, n.e.c.....	-	.4	1.5	.2	.4	.4	.1	1.2	.1	.8
29114	Lubricating oils and similar light oils and derivatives.....	1.2	2.8	2.4	1.8	1.0	.5	.2	2.4	-	.5
295	Paving and roofing materials.....	.3	1.4	1.2	-	.3	-	-	.1	-	-
2952	Asphalt felt and coatings.....	.7	3.9	3.3	-	.7	-	-	.1	-	-

See footnotes at end of table.

TABLE 4. Percent Distribution of Commodities, by Production Area of Destination: 1967--Continued

TCC code	Commodity	Percent distribution by production area ¹ of destination--Continued									Sampling variability code ³
		18 (STLO)	19 (ATLA)	20 (DALL)	21 (HOUS)	22 (DENV)	23 (SETL)	24 (SANF)	25 (LOSA)	All other	
	TONS OF SHIPMENTS--Con.										
2819	Miscellaneous industrial inorganic chemicals.....	0.1	-	-	0.3	-	-	-	17.9	17.1	c
28194	Inorganic acids and phosphorus compounds (except nitric and sulphuric acid).....	-	-	-	-	-	-	-	-	20.0	d
282	Plastic materials and plasticizers, synthetic resins, rubbers, and fibers.	.8	0.8	0.2	2.6	-	-	0.1	.5	34.4	b
2821	Plastic materials and plasticizers, synthetic resins, rubbers, and fibers.	.8	.8	.2	2.6	-	-	.1	.5	34.4	b
28211	Plastic materials and plasticizers, synthetic resins, and nonvulcanizable elastomers.....	.8	.9	.2	2.8	-	-	.1	.6	33.1	b
283	Drugs (biological products, medicinal chemicals, botanical products, and pharmaceutical preparations).....	.8	11.8	11.6	.2	0.1	0.3	3.2	1.9	48.9	a
2831	Drugs (biological products, medicinal chemicals, botanical products, and pharmaceutical preparations).....	.8	11.8	11.6	.2	.1	.3	3.2	1.9	48.9	a
28311	Drugs for human use.....	.8	11.8	11.6	.2	.1	.3	3.2	1.9	48.9	a
284	Soap and detergents, cleaning preparations, perfumes, cosmetics, and other toilet preparations.....	1.0	1.0	.2	.2	-	.3	.6	1.2	20.8	c
2841	Soap and other detergents (except specialty cleansers).....	.7	.5	-	.1	-	.1	.2	1.0	17.9	d
28411	Synthetic organic detergents.....	.6	.1	-	-	-	-	-	-	15.5	d
28419	Soap or detergents, n.e.c. (except synthetic organic detergents and specialty cleansers).....	1.3	3.4	.1	.4	-	.7	1.7	7.7	33.7	b
2842	Specialty cleaning, polishing, and sanitation preparations (except soap and detergents).....	-	-	1.2	-	-	.1	-	.2	25.6	c
28422	Specialty cleaning and sanitation preparations.....	-	-	1.8	-	-	-	-	-	21.6	d
2844	Perfumes, cosmetics, and other toilet preparations.....	2.8	2.8	.7	1.0	.1	1.3	2.6	2.8	38.6	a
28441	Perfumes, cosmetics, and other toilet preparations.....	2.8	2.8	.7	1.0	.1	1.3	2.6	2.8	38.6	a
285	Paints, varnishes, lacquers, enamels, and allied products.....	1.2	1.3	.6	.3	-	-	.2	.4	34.8	b
2851	Paints, varnishes, lacquers, enamels, and allied products.....	1.2	1.3	.6	.3	-	-	.2	.4	34.8	b
28511	Paints, varnishes, lacquers, enamels, and shellacs.....	1.3	1.4	.7	.3	-	-	.2	.3	36.2	c
287	Agricultural chemicals.....	.8	.4	.8	-	-	-	-	-	67.0	d
289	Miscellaneous chemical products.....	3.0	.7	.7	.5	-	-	.2	.7	31.3	c
2891	Glue and gelatin.....	5.9	.1	.2	.7	-	-	-	1.2	29.4	d
28911	Glues, adhesives, sizes, and sizings...	5.9	.1	.2	.7	-	-	-	1.2	29.4	d
2899	Chemical products, n.e.c.....	.7	.4	.2	.1	-	-	.1	.1	31.3	b
28999	Chemical products, n.e.c.....	.8	-	.2	.1	-	-	-	.1	34.2	c
29114	Lubricating oils and similar light oils and derivatives.....	1.9	.4	-	3.2	-	-	1.0	.2	38.3	d
295	Paving and roofing materials.....	-	-	-	-	-	-	-	-	20.6	b
2952	Asphalt felt and coatings.....	-	-	-	-	-	-	-	-	35.7	b

See footnotes at end of table.

TABLE 4. Percent Distribution of Commodities, by Production Area of Destination: 1967 --Continued

TCC code	Commodity	Number	Percent distribution by production area ¹ of destination							
			Total	1 (BOST)	2 (HART)	3 (NYNY)	4 ² (N. NJ)	5 (PHIL)	6 (BALT)	7 (ALLN)
	TONS OF SHIPMENTS--Con.	(thousands of tons)								
30	Rubber and miscellaneous plastics products.....	435	100.0	2.8	1.9	9.5	6.9	5.9	2.2	0.5
306	Miscellaneous fabricated rubber products.....	55	100.0	.9	1.4	2.4	3.2	3.0	2.3	.9
3061	Miscellaneous fabricated rubber products.....	55	100.0	.9	1.4	2.4	3.2	3.0	2.3	.9
30619	Fabricated rubber products, n.e.c.....	31	100.0	1.5	1.7	3.2	4.8	4.5	.1	1.3
307	Miscellaneous plastic products.....	379	100.0	3.1	2.0	10.6	7.4	6.4	2.2	.5
3071	Miscellaneous plastic products.....	379	100.0	3.1	2.0	10.6	7.4	6.4	2.2	.5
30714	Unsupported vinyl and polyethylene film and sheeting.....	156	100.0	4.2	3.5	12.6	7.1	9.1	2.8	.9
30719	Fabricated plastics products, n.e.c. (including footwear made wholly of plastic).....	135	100.0	3.2	1.0	10.7	2.0	3.2	.3	-
31	Leather and leather products.....	28	100.0	12.3	.6	7.5	1.6	7.5	1.0	.4
316	Luggage and handbags (all materials), and other personal leather goods.....	16	100.0	1.8	.9	4.8	2.6	1.6	1.8	.2
3161	Luggage and handbags (all materials), and other personal leather goods.....	16	100.0	1.8	.9	4.8	2.6	1.6	1.8	.2
31611	Luggage, all materials.....	16	100.0	1.8	.9	4.8	2.6	1.6	1.8	.2
32	Stone, clay, and glass products.....	1,191	100.0	6.5	5.7	19.5	16.0	12.8	3.8	1.6
322	Glass and glassware, pressed and blown.	282	100.0	6.1	6.9	18.9	5.7	18.9	9.9	4.4
327	Concrete, gypsum, plaster, and plaster products.....	345	100.0	6.3	1.8	17.7	21.8	8.4	.8	-
3271	Concrete products.....	280	100.0	5.1	2.1	18.1	26.8	6.9	1.0	-
3292	Asbestos products.....	32	100.0	2.2	5.5	14.8	6.6	7.2	.4	1.7
33	Primary metal products.....	2,124	100.0	4.4	2.6	8.6	6.9	8.6	5.9	1.0
3312	Primary iron and steel products (except coke-oven products).....	109	100.0	13.4	2.0	22.8	9.0	5.4	9.2	.1
335	Nonferrous metal basic shapes.....	1,066	100.0	5.5	3.7	12.1	7.6	2.7	10.5	.3
3351	Copper, brass, bronze, and other copper base alloy basic shapes.....	607	100.0	4.5	6.2	15.0	7.5	2.2	14.3	.4
33511	Copper, brass, bronze, and other copper base alloy rods and bars.....	541	100.0	4.2	6.8	16.3	7.7	2.2	16.0	.1
3356	Miscellaneous nonferrous metal basic shapes (plate, sheet, strip, rods, bars, pipe, and tubing).....	6	100.0	.3	3.0	13.4	.8	2.5	38.4	-
3357	Nonferrous wire (including insulated wire).....	443	100.0	7.0	.2	7.2	8.0	3.4	5.1	.2
33574	Wire and cable, insulated, enameled or covered.....	386	100.0	6.6	.1	7.0	5.5	2.4	5.5	.2
336	Nonferrous and nonferrous base alloy castings.....	35	100.0	9.8	4.4	16.6	5.0	5.6	2.4	2.6
339	Miscellaneous primary metal products...	24	100.0	2.5	24.6	16.7	8.5	1.4	3.1	-
3399	Primary metal products, n.e.c.....	10	100.0	2.1	1.6	20.6	.3	.8	-	-
34	Fabricated metal products.....	920	100.0	5.0	7.9	10.1	21.9	9.3	3.0	1.7
341	Metal cans.....	281	100.0	7.8	2.8	15.0	34.9	13.8	1.9	.9
3411	Metal cans.....	281	100.0	7.8	2.8	15.0	34.9	13.8	1.9	.9
34111	Metal cans.....	281	100.0	7.8	2.8	15.0	34.9	13.8	1.9	.9
349	Miscellaneous fabricated metal products	153	100.0	6.6	10.4	10.0	15.0	17.5	12.8	2.0
3494	Valves and pipe fittings (except plumbers' brass goods and fittings).....	8	100.0	.7	3.7	9.9	5.5	5.0	2.2	.2
34941	Metal valves for piping, plumbing, and heating systems.....	7	100.0	.5	1.8	4.3	5.2	4.1	2.7	.3

See footnotes at end of table.

TABLE 4. Percent Distribution of Commodities, by Production Area of Destination: 1967--Continued

TCC code	Commodity	Percent distribution by production area ¹ of destination--Continued									
		8 (HARR)	9 (SYRA)	10 (BUFF)	11 (CLEV)	12 (PITT)	13 (DETR)	14 (CINC)	15 (CHIC)	16 (MILW)	17 (M-SP)
	TONS OF SHIPMENTS--Con.										
30	Rubber and miscellaneous plastics products.....	0.2	0.2	2.4	2.5	0.8	1.2	0.3	5.4	1.4	0.7
306	Miscellaneous fabricated rubber products.....	.3	.1	1.0	.6	1.2	3.1	.1	9.0	-	.8
3061	Miscellaneous fabricated rubber products.....	.3	.1	1.0	.6	1.2	3.1	.1	9.0	-	.8
30619	Fabricated rubber products, n.e.c.....	-	.2	1.2	.8	.2	.5	.2	9.2	-	.2
307	Miscellaneous plastic products.....	.2	.2	2.6	2.8	.8	.9	.4	4.8	1.6	.6
3071	Miscellaneous plastic products.....	.2	.2	2.6	2.8	.8	.9	.4	4.8	1.6	.6
30714	Unsupported vinyl and polyethylene film and sheeting.....	.1	.2	2.4	2.8	1.0	.4	.1	5.4	3.5	1.4
30719	Fabricated plastics products, n.e.c. (including footwear made wholly of plastic).....	.3	.1	3.1	2.7	.3	1.6	.2	2.2	.3	-
31	Leather and leather products.....	.4	5.3	1.1	1.8	.4	5.8	1.1	2.2	.7	.1
316	Luggage and handbags (all materials), and other personal leather goods.....	.1	9.1	1.9	3.0	.7	5.4	1.7	3.7	.4	.2
3161	Luggage and handbags (all materials), and other personal leather goods.....	.1	9.1	1.9	3.0	.7	5.4	1.7	3.7	.4	.2
31611	Luggage, all materials.....	.1	9.1	1.9	3.0	.7	5.4	1.7	3.7	.4	.2
32	Stone, clay, and glass products.....	1.6	1.7	1.1	.5	.3	.3	.1	.3	-	-
322	Glass and glassware, pressed and blown.	.7	1.8	-	.2	-	.1	-	.3	-	-
327	Concrete, gypsum, plaster, and plaster products.....	.7	3.0	1.3	.2	-	-	-	.1	-	-
3271	Concrete products.....	.9	3.7	1.6	.2	-	-	-	.2	-	-
3292	Asbestos products.....	.4	5.1	5.4	2.1	1.1	.4	1.9	.7	.1	-
33	Primary metal products.....	.4	3.7	10.3	6.2	2.1	2.8	1.9	1.8	.4	.1
3312	Primary iron and steel products (except coke-oven products).....	2.5	-	.8	10.1	-	.7	.1	1.2	.8	-
335	Nonferrous metal basic shapes.....	.4	5.7	3.2	1.0	1.3	3.1	.4	3.2	.7	.1
3351	Copper, brass, bronze, and other copper base alloy basic shapes.....	.5	9.4	4.6	.6	1.6	2.6	-	2.1	1.1	-
33511	Copper, brass, bronze, and other copper base alloy rods and bars.....	.6	10.2	4.7	.6	1.5	2.6	-	1.0	1.3	-
3356	Miscellaneous nonferrous metal basic shapes (plate, sheet, strip, rods, bars, pipe, and tubing).....	4.2	-	.9	.3	.1	9.7	-	11.1	.5	.1
3357	Nonferrous wire (including insulated wire).....	.1	1.0	1.3	1.6	.9	3.9	.8	4.7	.2	.2
33574	Wire and cable, insulated, enameled or covered.....	.2	.3	1.3	1.5	1.1	3.8	.9	4.9	.2	.3
336	Nonferrous and nonferrous base alloy castings.....	1.6	2.0	9.5	2.8	.9	4.2	.6	1.4	1.0	-
339	Miscellaneous primary metal products...	.1	4.3	2.8	2.0	-	1.6	.7	.5	-	-
3399	Primary metal products, n.e.c.....	-	10.6	6.9	3.7	-	3.8	1.6	1.1	.1	-
34	Fabricated metal products.....	.2	.8	3.7	1.2	1.4	1.5	1.3	6.7	1.0	.1
341	Metal cans.....	.2	1.1	1.7	.9	1.8	-	1.0	.5	-	-
3411	Metal cans.....	.2	1.1	1.7	.9	1.8	-	1.0	.5	-	-
34111	Metal cans.....	.2	1.1	1.7	.9	1.8	-	1.0	.5	-	-
349	Miscellaneous fabricated metal products	.2	.7	.5	1.3	.1	1.7	1.9	1.0	-	.2
3494	Valves and pipe fittings (except plumbers' brass goods and fittings).....	.8	.2	2.8	15.1	1.4	5.4	1.2	4.1	.5	.9
34941	Metal valves for piping, plumbing, and heating systems.....	1.0	.3	3.3	18.5	1.1	6.6	.9	4.3	.6	1.0

See footnotes at end of table.

TABLE 4. Percent Distribution of Commodities, by Production Area of Destination: 1967--Continued

TCC code	Commodity	Percent distribution by production area ¹ of destination--Continued									Sampling variability code
		18 (STLO)	19 (ATLA)	20 (DALL)	21 (HOUS)	22 (DENV)	23 (SETL)	24 (SANF)	25 (LOSA)	All other	
	TONS OF SHIPMENTS--Con.										
30	Rubber and miscellaneous plastics products.....	1.2	0.6	0.9	0.2	0.1	3.2	1.6	9.7	37.7	c
306	Miscellaneous fabricated rubber products.....	3.2	3.4	.1	.4	-	.1	.4	1.7	60.4	b
3061	Miscellaneous fabricated rubber products.....	3.2	3.4	.1	.4	-	.1	.4	1.7	60.4	b
30619	Fabricated rubber products, n.e.c.....	.3	.2	.1	.1	-	.2	.1	2.9	66.5	d
307	Miscellaneous plastic products.....	.9	.2	1.1	.2	.1	3.7	1.7	10.9	34.1	c
3071	Miscellaneous plastic products.....	.9	.2	1.1	.2	.1	3.7	1.7	10.9	34.1	c
30714	Unsupported vinyl and polyethylene film and sheeting.....	.2	-	.5	-	-	1.7	3.6	5.5	31.0	d
30719	Fabricated plastics products, n.e.c. (including footwear made wholly of plastic).....	.1	-	1.9	-	-	8.5	.5	18.9	38.9	d
31	Leather and leather products.....	1.3	2.1	.4	2.0	.2	.7	.5	5.3	37.7	d
316	Luggage and handbags (all materials), and other personal leather goods.....	1.2	3.5	.6	3.4	.2	1.3	.6	8.9	40.4	d
3161	Luggage and handbags (all materials), and other personal leather goods.....	1.2	3.5	.6	3.4	.2	1.3	.6	8.9	40.4	d
31611	Luggage, all materials.....	1.2	3.5	.6	3.4	.2	1.3	.6	8.9	40.4	d
32	Stone, clay, and glass products.....	.1	-	-	.2	-	-	-	.1	27.8	c
322	Glass and glassware, pressed and blown	-	-	-	-	-	-	-	-	26.1	b
327	Concrete, gypsum, plaster, and plaster products.....	-	-	-	-	-	-	-	-	37.9	d
3271	Concrete products.....	-	-	-	-	-	-	-	-	33.4	d
3292	Asbestos products.....	-	.4	.8	-	-	-	-	-	43.2	b
33	Primary metal products.....	.9	.6	1.7	.4	.2	.6	.4	.7	26.8	d
3312	Primary iron and steel products (except coke-oven products).....	.6	.3	-	-	-	-	-	2.2	18.8	d
335	Nonferrous metal basic shapes.....	1.7	.6	3.4	.8	.2	1.2	.8	1.1	28.7	b
3351	Copper, brass, bronze, and other copper base alloy basic shapes.....	1.7	.4	.9	.4	-	-	-	1.2	22.8	a
33511	Copper, brass, bronze, and other copper base alloy rods and bars.....	1.9	-	-	.1	-	-	.1	1.4	20.7	a
3356	Miscellaneous nonferrous metal basic shapes (plate, sheet, strip, rods, bars, pipe, and tubing).....	.3	-	-	-	-	.2	-	.4	13.8	d
3357	Nonferrous wire (including insulated wire).....	1.7	1.0	6.9	1.4	.4	2.8	1.8	1.0	37.2	d
33574	Wire and cable, insulated, enameled or covered.....	1.9	1.1	8.0	1.6	.4	3.3	1.8	1.1	39.0	d
336	Nonferrous and nonferrous base alloy castings.....	.2	-	.1	-	-	-	1.7	1.6	26.0	d
339	Miscellaneous primary metal products...	-	-	-	-	-	-	-	.3	30.9	d
3399	Primary metal products, n.e.c.....	-	-	-	-	-	-	-	-	46.8	b
34	Fabricated metal products.....	.2	.5	.2	1.0	-	-	.4	.3	20.6	b
341	Metal cans.....	-	1.2	-	-	-	-	.2	-	14.3	a
3411	Metal cans.....	-	1.2	-	-	-	-	.2	-	14.3	a
34111	Metal cans.....	-	1.2	-	-	-	-	.2	-	14.3	a
349	Miscellaneous fabricated metal products	.2	.1	-	.5	-	-	-	.1	17.2	d
3494	Valves and pipe fittings (except plumbers' brass goods and fittings).....	1.7	.2	.2	7.9	-	.2	.8	1.8	27.6	c
34941	Metal valves for piping, plumbing, and heating systems.....	1.5	.2	.1	9.2	-	.2	.9	.6	30.8	c

See footnotes at end of table.

TABLE 4. Percent Distribution of Commodities, by Production Area of Destination: 1967 --Continued

TCC code	Commodity	Number	Percent distribution by production area ¹ of destination							
			Total	1 (BOST)	2 (HART)	3 (NYNY)	4 ² (N. NJ)	5 (PHIL)	6 (BALT)	7 (ALLN)
	TONS OF SHIPMENTS--Con.	(thousands of tons)								
35	Machinery, except electrical.....	542	100.0	1.7	0.6	4.6	2.5	1.9	0.4	0.2
353	Construction, mining, and materials handling machinery and equipment.....	95	100.0	4.2	1.5	8.1	4.1	2.4	.5	.2
355	Special industry machinery (except metalworking machinery).....	36	100.0	5.9	2.6	4.5	14.8	6.5	-	.6
3561	Pumps, air and gas compressors, and measuring and dispensing pumps, also pumping equipment.....	5	100.0	.1	-	6.6	.2	6.3	-	-
359	Miscellaneous machinery and parts (except electrical).....	17	100.0	.1	.1	8.6	.7	5.7	7.0	.3
3599	Miscellaneous machinery and parts (except electrical).....	17	100.0	.1	.1	8.6	.7	5.7	7.0	.3
35999	Machinery and parts, n.e.c. (except electrical).....	11	100.0	.2	.1	11.4	.1	4.3	11.0	.1
36	Electrical machinery and equipment.....	560	100.0	3.0	2.4	9.7	5.4	4.5	2.2	.3
361	Electrical transmission and distribution equipment.....	60	100.0	2.8	.8	5.1	1.0	15.8	.3	.2
3611	Electrical measuring instruments and test equipment.....	3	100.0	3.1	.3	6.4	6.4	6.8	.7	-
36113	Indicating, recording, and measuring instruments (electrical qualities or characteristics).....	2	100.0	.1	-	5.0	6.2	6.7	.2	-
364	Electric lighting and wiring equipment.	60	100.0	3.9	2.0	5.9	1.8	3.1	.5	.2
3642	Lighting fixtures.....	44	100.0	4.7	2.2	7.7	1.8	3.1	.4	.1
365	Radio and television receiving sets (except communication types), phonographs, and phonograph records.....	124	100.0	1.7	.6	12.8	2.5	4.1	1.8	.1
367	Electronic components or accessories...	35	100.0	2.8	1.4	3.2	1.4	1.0	.2	.2
3679	Miscellaneous electronic components and accessories.....	29	100.0	3.4	1.7	2.6	1.2	.8	.3	.1
36791	Miscellaneous electronic components and accessories.....	29	100.0	3.4	1.7	2.6	1.2	.8	.3	.1
372	Aircraft and parts.....	3	100.0	.5	4.4	10.7	3.9	17.7	.3	-
38	Instruments, photographic goods, optical goods, watches, and clocks....	67	100.0	12.5	2.1	14.4	2.4	2.3	2.0	.1
381	Engineering, laboratory, and scientific instruments.....	2	100.0	2.0	.7	26.4	6.5	.9	3.2	.3
3811	Engineering, laboratory, and scientific instruments.....	2	100.0	2.0	.7	26.4	6.5	.9	3.2	.3
38111	Aircraft flight, nautical, and navigational instruments and automatic pilots.....	1	100.0	.3	1.3	17.6	-	.5	7.7	-
39	Miscellaneous products of manufacturing	92	100.0	19.0	1.5	7.3	.9	2.6	.2	-

See footnotes at end of table.

TABLE 4. Percent Distribution of Commodities, by Production Area of Destination: 1967--Continued

TCC code	Commodity	Percent distribution by production area ¹ of destination--Continued									
		8 (HARR)	9 (SYRA)	10 (BUFF)	11 (CLEV)	12 (PITT)	13 (DETR)	14 (CINC)	15 (CHIC)	16 (MILW)	17 (M-SP)
	TONS OF SHIPMENTS--Con.										
35	Machinery, except electrical.....	0.5	0.6	6.1	1.7	0.7	39.9	0.6	6.3	0.5	0.7
353	Construction, mining, and materials handling machinery and equipment.....	.3	.7	1.4	1.1	3.5	.9	1.1	3.2	.7	.3
355	Special industry machinery (except metalworking machinery).....	2.8	.5	3.0	1.5	.4	1.3	4.2	7.7	1.2	3.4
3561	Pumps, air and gas compressors, and measuring and dispensing pumps, also pumping equipment.....	1.5	-	29.5	14.5	-	.6	-	5.4	-	-
359	Miscellaneous machinery and parts (except electrical).....	1.2	1.0	.7	4.0	-	-	-	1.0	-	-
3599	Miscellaneous machinery and parts (except electrical).....	1.2	1.0	.7	4.0	-	-	-	1.0	-	-
35999	Machinery and parts, n.e.c. (except electrical).....	1.9	1.1	-	5.7	-	-	.1	.1	-	-
36	Electrical machinery and equipment.....	.5	.8	3.7	2.9	1.3	2.1	.7	9.5	1.2	.4
361	Electrical transmission and distribu- tion equipment.....	.4	.1	1.5	.6	.9	.7	2.4	12.1	.1	-
3611	Electrical measuring instruments and test equipment.....	.8	.3	7.5	3.2	3.5	1.4	1.4	4.0	.8	.1
36113	Indicating, recording, and measuring instruments (electrical qualities or characteristics).....	1.1	-	9.4	4.3	4.8	1.4	1.9	3.7	.6	.1
364	Electric lighting and wiring equipment.	.2	1.2	1.3	1.4	1.0	1.3	1.0	9.1	1.1	.9
3642	Lighting fixtures.....	.1	1.1	1.6	1.8	1.3	1.4	1.3	3.8	1.4	1.3
365	Radio and television receiving sets (except communication types), phono- graphs, and phonograph records.....	1.0	.8	2.7	5.4	1.4	1.0	.1	1.8	1.7	.2
367	Electronic components or accessories...	1.1	.4	10.0	.8	.6	.5	.4	9.2	-	.1
3679	Miscellaneous electronic components and accessories.....	1.4	.2	12.1	.1	.7	.6	.1	6.6	.1	.1
36791	Miscellaneous electronic components and accessories.....	1.4	.2	12.1	.1	.7	.6	.1	6.6	.1	.1
372	Aircraft and parts.....	-	.2	.4	.8	.1	.6	.6	.2	.1	.2
38	Instruments, photographic goods, optical goods, watches, and clocks....	.5	.7	1.1	.4	3.1	.3	.5	2.1	.1	-
381	Engineering, laboratory, and scientific instruments.....	-	.8	1.3	.9	1.7	2.4	2.6	1.9	-	-
3811	Engineering, laboratory, and scientific instruments.....	-	.8	1.3	.9	1.7	2.4	2.6	1.9	-	-
38111	Aircraft flight, nautical, and naviga- tional instruments and automatic pilots.....	-	1.3	-	1.0	-	-	.1	.3	-	-
39	Miscellaneous products of manufacturing	-	.8	1.2	1.1	1.0	1.1	1.2	3.6	.2	1.3

See footnotes at end of table.

TABLE 4. Percent Distribution of Commodities, by Production Area of Destination: 1967--Continued

TCC code	Commodity	Percent distribution by production area ¹ of destination--Continued									Sampling variability code ³
		18 (STLO)	19 (ATLA)	20 (DALL)	21 (HOUS)	22 (DENV)	23 (SETL)	24 (SANF)	25 (LOSA)	All other	
	TONS OF SHIPMENTS--Con.										
35	Machinery, except electrical.....	0.2	0.8	0.6	0.2	0.1	0.2	0.8	1.6	26.0	b
353	Construction, mining, and materials handling machinery and equipment.....	.5	.3	.9	.7	.1	.4	1.4	2.0	59.5	c
355	Special industry machinery (except metalworking machinery).....	.1	.7	.2	-	-	-	-	3.3	34.9	d
3561	Pumps, air and gas compressors, and measuring and dispensing pumps, also pumping equipment.....	.3	-	-	2.3	-	-	.3	.2	32.2	c
359	Miscellaneous machinery and parts (except electrical).....	-	.2	10.2	-	-	.4	-	.1	58.7	d
3599	Miscellaneous machinery and parts (except electrical).....	-	.2	10.2	-	-	.4	-	.1	58.7	d
35999	Machinery and parts, n.e.c. (except electrical).....	-	.3	16.0	-	-	.6	.1	.1	46.8	c
36	Electrical machinery and equipment.....	.4	5.2	1.6	.9	1.8	.2	1.2	3.0	35.1	c
361	Electrical transmission and distribution equipment.....	.4	.7	5.4	1.4	.1	.7	.6	5.6	40.3	b
3611	Electrical measuring instruments and test equipment.....	.4	1.7	3.2	2.2	.3	1.2	3.4	6.6	34.3	c
36113	Indicating, recording, and measuring instruments (electrical qualities or characteristics).....	.6	2.3	2.8	3.0	-	1.6	3.3	7.7	33.2	b
364	Electric lighting and wiring equipment.	2.5	10.2	2.2	.3	.5	.4	2.4	1.0	44.6	d
3642	Lighting fixtures.....	3.3	5.2	2.8	.3	.7	.6	3.3	.6	48.1	d
365	Radio and television receiving sets (except communication types), phonographs, and phonograph records.....	.4	.3	.9	1.9	-	.2	1.5	5.5	49.6	c
367	Electronic components or accessories...	.1	.7	.5	.9	.1	.3	.6	4.4	59.1	c
3679	Miscellaneous electronic components and accessories.....	.1	.1	.3	.2	.1	.4	.4	1.6	64.7	c
36791	Miscellaneous electronic components and accessories.....	.1	.1	.3	.2	.1	.4	.4	1.6	64.7	c
372	Aircraft and parts.....	.1	.2	1.6	-	.6	1.4	.9	1.7	52.8	d
38	Instruments, photographic goods, optical goods, watches, and clocks....	.3	.7	1.6	.2	.4	.2	2.9	6.2	42.9	d
381	Engineering, laboratory, and scientific instruments.....	4.6	1.4	2.3	1.3	-	2.0	2.6	6.7	27.5	d
3811	Engineering, laboratory, and scientific instruments.....	4.6	1.4	2.3	1.3	-	2.0	2.6	6.7	27.5	d
38111	Aircraft flight, nautical, and navigational instruments and automatic pilots.....	6.6	2.0	1.8	1.5	-	5.0	3.6	11.5	37.9	c
39	Miscellaneous products of manufacturing	.1	13.0	.4	.2	.3	1.4	1.1	17.1	23.4	c

See footnotes at end of table.

**TABLE 4. Percent Distribution of Commodities, by Production Area
of Destination: 1967 --Continued**

TCC code	Commodity	Number	Percent distribution by production area ¹ of destination							
			Total	1 (BOST)	2 (HART)	3 (NYNY)	4 ² (N. NJ)	5 (PHIL)	6 (BALT)	7 (ALLN)
	TON-MILES OF SHIPMENTS	(millions of ton-miles)								
	Production Area 04, total.....	6,748	100.0	2.7	3.1	2.7	1.0	2.0	1.5	0.4
20	Food and kindred products.....	771	100.0	6.5	1.2	1.7	.8	3.3	2.3	.6
201	Meat, poultry, and small game; fresh, chilled or frozen.....	15	100.0	5.6	.7	1.9	.8	2.2	.1	.9
2013	Meat products.....	4	100.0	7.0	2.1	6.1	3.1	1.5	.3	1.9
203	Canned and preserved fruits, vege- tables, and seafoods.....	26	100.0	2.8	2.3	3.8	1.8	2.0	.9	.6
208	Beverages and flavoring extracts.....	421	100.0	9.2	1.8	1.8	.8	3.3	1.9	.9
209	Miscellaneous food preparations and kindred products.....	187	100.0	4.3	.5	1.5	.7	3.5	1.9	.2
22	Basic textiles.....	119	100.0	.7	.1	.8	.1	.4	.1	-
23	Apparel, including knit apparel, and other finished textile products.....	57	100.0	1.0	.5	.9	.3	.5	.7	-
233	Women's, misses', girls', and infants' clothing.....	24	100.0	1.0	.1	.9	.4	.3	.2	-
2331	Women's, misses', girls', and infants' clothing.....	24	100.0	1.0	.1	.9	.4	.3	.2	-
23311	Women's, misses', girls', and infants' clothing.....	24	100.0	1.0	.1	.9	.4	.3	.2	-
25	Furniture and fixtures.....	94	100.0	1.3	.1	.4	.1	.7	1.1	-
251	Household and office furniture.....	92	100.0	1.2	.1	.4	.1	.7	1.1	-
26	Pulp, paper, and allied products.....	246	100.0	5.9	2.9	4.2	1.8	4.9	1.3	1.1
26219	Paper, n.e.c.....	38	100.0	1.3	.3	.7	.1	.6	.3	-
263	Paperboard, fiberboard, and pulpboard (except insulating board).....	26	100.0	9.8	3.0	6.8	8.0	11.5	1.6	.9
2631	Paperboard, fiberboard, and pulpboard (except insulating board).....	26	100.0	9.8	3.0	6.8	8.0	11.5	1.6	.9
26311	Paperboard, fiberboard, and pulpboard (except insulating board).....	26	100.0	9.8	3.0	6.8	8.0	11.5	1.6	.9
264	Converted paper and paperboard prod- ucts (except containers and boxes)....	89	100.0	6.7	6.1	2.7	.6	4.5	.3	.2
265	Containers, boxes and related products, paperboard, fiberboard, and pulpboard.	56	100.0	2.9	1.2	8.8	2.9	4.6	.7	4.0
2651	Containers, boxes, baskets, pallets and skids, paperboard, fiberboard, and pulpboard.....	44	100.0	2.3	1.4	2.9	2.8	4.6	.5	5.0
26511	Containers and boxes, paperboard, fiberboard, and pulpboard.....	44	100.0	2.3	1.4	2.9	2.8	4.6	.5	5.0
28	Chemicals and allied products.....	1,937	100.0	1.5	.7	.6	.8	2.3	1.6	.3
281	Industrial chemicals.....	592	100.0	1.1	.7	.2	1.1	3.0	2.8	.6
2815	Dyes and dye (cyclic) intermediates and organic pigments (lakes and toners)...	48	100.0	1.4	.2	.1	.8	4.4	.6	.1
28151	Cyclic intermediates derived from ben- zene, toluene, naphthalene, anthra- cene, pyridine, carbazole, and other cyclic chemical products.....	31	100.0	1.2	.2	.1	1.1	5.2	.1	.1
28156	Organic dyes.....	17	100.0	1.7	.1	.1	.1	3.0	1.4	-
2818	Miscellaneous industrial organic chemicals.....	107	100.0	2.3	.4	.2	1.9	1.9	.5	.1
28189	Industrial organic chemicals, n.e.c.....	30	100.0	2.0	.8	.2	3.3	2.0	1.2	-

See footnotes at end of table.

TABLE 4. Percent Distribution of Commodities, by Production Area of Destination: 1967--Continued

TCC code	Commodity	Percent distribution by production area ¹ of destination--Continued									
		8 (HARR)	9 (SYRA)	10 (BUFF)	11 (CLEV)	12 (PITT)	13 (DETR)	14 (CINC)	15 (CHIC)	16 (MILW)	17 (M-SP)
	TON-MILES OF SHIPMENTS										
	Production Area 04, total.....	0.4	1.5	2.9	1.9	1.2	3.1	1.1	5.5	0.5	0.4
20	Food and kindred products.....	1.0	2.2	2.5	1.5	2.5	1.4	.4	10.2	.4	.1
201	Meat, poultry, and small game; fresh, chilled or frozen.....	-	1.4	3.6	-	-	.1	-	.2	-	-
2013	Meat products.....	-	5.7	14.5	-	-	.3	-	-	-	-
203	Canned and preserved fruits, vege- tables, and seafoods.....	.2	.9	2.9	5.9	2.8	-	.5	2.5	.6	-
208	Beverages and flavoring extracts.....	.7	2.1	2.9	.9	2.2	.9	-	3.1	-	-
209	Miscellaneous food preparations and kindred products.....	1.2	4.2	2.1	3.2	3.7	3.1	1.5	10.3	1.6	.4
22	Basic textiles.....	.1	.4	.7	.4	.3	.3	.2	8.4	.2	2.2
23	Apparel, including knit apparel, and other finished textile products.....	.3	.2	.2	1.3	1.0	.6	.9	9.9	.8	1.1
233	Women's, misses', girls', and infants' clothing.....	.5	.3	.2	.4	.3	1.1	1.1	3.4	1.3	.7
2331	Women's, misses', girls', and infants' clothing.....	.5	.3	.2	.4	.3	1.1	1.1	3.4	1.3	.7
23311	Women's, misses', girls', and infants' clothing.....	.5	.3	.2	.4	.3	1.1	1.1	3.4	1.3	.7
25	Furniture and fixtures.....	.2	.6	3.4	.3	.1	4.4	9.7	3.3	.1	-
251	Household and office furniture.....	.2	.6	3.4	.3	.1	4.5	9.9	3.2	-	-
26	Pulp, paper, and allied products.....	.5	.9	1.9	.9	.6	8.2	.2	3.4	.1	.6
26219	Paper, n.e.c.....	.1	.3	.4	.5	.6	1.0	.7	7.3	-	.2
263	Paperboard, fiberboard, and pulpboard (except insulating board).....	1.0	.3	.3	.6	2.7	1.3	-	5.4	.3	-
2631	Paperboard, fiberboard, and pulpboard (except insulating board).....	1.0	.3	.3	.6	2.7	1.3	-	5.4	.3	-
26311	Paperboard, fiberboard, and pulpboard (except insulating board).....	1.0	.3	.3	.6	2.7	1.3	-	5.4	.3	-
264	Converted paper and paperboard prod- ucts (except containers and boxes)....	.7	1.2	1.6	1.5	.3	1.5	.2	2.5	-	.2
265	Containers, boxes and related products, paperboard, fiberboard, and pulpboard.	.3	.8	5.4	.3	.1	31.3	-	2.1	.1	-
2651	Containers, boxes, baskets, pallets and skids, paperboard, fiberboard, and pulpboard.....	.3	.6	5.1	-	-	40.1	-	1.5	-	-
26511	Containers and boxes, paperboard, fiberboard, and pulpboard.....	.3	.6	5.1	-	-	40.1	-	1.5	-	-
28	Chemicals and allied products.....	.4	1.1	1.5	1.2	1.3	1.1	.7	4.8	.2	.5
281	Industrial chemicals.....	.5	1.9	2.3	.7	.9	.7	1.3	2.5	-	-
2815	Dyes and dye (cyclic) intermediates and organic pigments (lakes and toners)...	-	.1	.5	.7	-	2.4	1.3	7.0	.6	.1
28151	Cyclic intermediates derived from ben- zene, toluene, naphthalene, anthra- cene, pyridine, carbazole, and other cyclic chemical products.....	-	-	.3	1.1	-	3.2	1.5	1.9	-	-
28156	Organic dyes.....	-	.1	.7	.1	-	1.0	.8	16.5	1.6	.3
2818	Miscellaneous industrial organic chemicals.....	-	.5	9.4	2.9	1.0	1.3	1.4	3.6	-	-
28189	Industrial organic chemicals, n.e.c....	-	.6	1.2	4.0	3.4	.3	5.0	3.2	-	-

See footnotes at end of table.

TABLE 4. Percent Distribution of Commodities, by Production Area of Destination: 1967--Continued

TCC code	Commodity	Percent distribution by production area ¹ of destination--Continued									Sampling variability code ³
		18 (STLO)	19 (ATLA)	20 (DALL)	21 (HOUS)	22 (DENV)	23 (SETL)	24 (SANF)	25 (LOSA)	All other	
	TON-MILES OF SHIPMENTS										
	Production Area 04, total.....	1.5	1.9	2.4	1.8	0.5	1.5	4.6	11.6	42.3	-
20	Food and kindred products.....	1.5	.6	.5	.2	.3	1.9	1.3	5.3	49.8	-
201	Meat, poultry, and small game; fresh, chilled or frozen.....	65.2	-	-	-	-	-	-	-	17.3	-
2013	Meat products.....	-	-	-	-	-	-	-	-	57.5	-
203	Canned and preserved fruits, vegetables, and seafoods.....	-	2.9	-	-	-	.2	-	12.2	54.2	-
208	Beverages and flavoring extracts.....	-	.7	.6	-	-	3.5	1.8	5.6	55.3	-
209	Miscellaneous food preparations and kindred products.....	.8	.1	.6	.9	1.1	-	.2	5.6	46.8	-
22	Basic textiles.....	.4	.8	.6	.5	.1	.5	2.2	57.1	22.4	-
23	Apparel, including knit apparel, and other finished textile products.....	.8	1.9	2.0	3.8	.6	1.4	15.5	23.1	30.7	-
233	Women's, misses', girls', and infants' clothing.....	1.5	.7	3.6	1.4	1.4	2.1	1.1	49.7	26.3	-
2331	Women's, misses', girls', and infants' clothing.....	1.5	.7	3.6	1.4	1.4	2.1	1.1	49.7	26.3	-
23311	Women's, misses', girls', and infants' clothing.....	1.5	.7	3.6	1.4	1.4	2.1	1.1	49.7	26.3	-
25	Furniture and fixtures.....	.2	.9	6.6	.1	.3	.2	.9	23.1	41.9	-
251	Household and office furniture.....	.1	.7	6.7	.1	.2	.2	.8	23.0	42.4	-
26	Pulp, paper, and allied products.....	.8	3.3	.7	.1	-	.2	2.0	5.3	48.2	-
26219	Paper, n.e.c.....	.9	.8	.1	.5	-	1.4	4.5	9.6	67.8	-
263	Paperboard, fiberboard, and pulpboard (except insulating board).....	-	-	4.3	-	-	-	-	-	42.2	-
2631	Paperboard, fiberboard, and pulpboard (except insulating board).....	-	-	4.3	-	-	-	-	-	42.2	-
26311	Paperboard, fiberboard, and pulpboard (except insulating board).....	-	-	4.3	-	-	-	-	-	42.2	-
264	Converted paper and paperboard products (except containers and boxes).....	.1	7.2	.1	-	-	-	3.5	1.6	56.7	-
265	Containers, boxes and related products, paperboard, fiberboard, and pulpboard..	2.7	.3	-	.2	-	-	-	3.4	27.9	-
2651	Containers, boxes, baskets, pallets and skids, paperboard, fiberboard, and pulpboard.....	-	.3	-	-	-	-	-	4.3	28.3	-
26511	Containers and boxes, paperboard, fiberboard, and pulpboard.....	-	.3	-	-	-	-	-	4.3	28.3	-
28	Chemicals and allied products.....	2.4	2.9	3.8	2.0	.1	.6	5.4	18.4	43.8	-
281	Industrial chemicals.....	1.5	1.1	-	1.6	.2	-	8.7	48.0	18.6	-
2815	Dyes and dye (cyclic) intermediates and organic pigments (lakes and toners)....	11.0	3.3	-	3.5	-	-	2.0	2.4	57.5	-
28151	Cyclic intermediates derived from benzene, toluene, naphthalene, anthracene, pyridine, carbazole, and other cyclic chemical products.....	16.9	1.9	-	-	-	-	.2	1.1	63.9	-
28156	Organic dyes.....	-	5.9	-	9.8	-	-	5.1	4.8	46.9	-
2818	Miscellaneous industrial organic chemicals.....	1.3	.2	.2	1.3	.9	-	39.8	.7	28.2	-
28189	Industrial organic chemicals, n.e.c.....	4.6	.6	.8	-	3.3	-	3.0	1.8	58.7	-

See footnotes at end of table.

TABLE 4. Percent Distribution of Commodities, by Production Area of Destination: 1967 --Continued

TCC code	Commodity	Number	Percent distribution by production area ¹ of destination							
			Total	1 (BOST)	2 (HART)	3 (NYNY)	4 ² (N. NJ)	5 (PHIL)	6 (BALT)	7 (ALLN)
	TON-MILES OF SHIPMENTS--Con.	(millions of ton-miles)								
2819	Miscellaneous industrial inorganic chemicals.....	323	100.0	0.2	0.7	0.1	0.4	2.5	2.2	0.8
28194	Inorganic acids and phosphorus compounds (except nitric and sulphuric acid).....	10	100.0	7.0	.1	1.4	5.0	3.7	38.6	-
282	Plastic materials and plasticizers, synthetic resins, rubbers, and fibers.	198	100.0	1.5	.3	.7	.5	1.2	1.7	.2
2821	Plastic materials and plasticizers, synthetic resins, rubbers, and fibers.	198	100.0	1.5	.3	.7	.5	1.2	1.7	.2
28211	Plastic materials and plasticizers, synthetic resins, and nonvulcanizable elastomers.....	195	100.0	1.5	.3	.7	.5	1.2	1.7	.2
283	Drugs (biological products, medicinal chemicals, botanical products, and pharmaceutical preparations).....	365	100.0	.3	.1	.1	.1	.1	-	.2
2831	Drugs (biological products, medicinal chemicals, botanical products, and pharmaceutical preparations).....	365	100.0	.3	.1	.1	.1	.1	-	.2
28311	Drugs for human use.....	365	100.0	.3	.1	.1	.1	.1	-	.2
284	Soap and detergents, cleaning preparations, perfumes, cosmetics, and other toilet preparations.....	330	100.0	2.6	1.9	1.1	1.4	5.0	1.7	.1
2841	Soap and other detergents (except specialty cleansers).....	149	100.0	3.3	3.3	1.3	2.5	7.0	2.5	.1
28411	Synthetic organic detergents.....	95	100.0	3.9	4.8	1.8	3.8	10.7	3.4	.1
28419	Soap or detergents, n.e.c. (except synthetic organic detergents and specialty cleansers).....	54	100.0	2.4	.8	.4	.3	.4	.8	.1
2842	Specialty cleaning, polishing, and sanitation preparations (except soap and detergents).....	11	100.0	7.5	1.7	3.2	1.5	8.1	4.2	.3
28422	Specialty cleaning and sanitation preparations.....	7	100.0	12.4	2.3	1.8	2.5	10.1	6.6	.1
2844	Perfumes, cosmetics, and other toilet preparations.....	151	100.0	1.7	.7	.4	.1	.6	.7	-
28441	Perfumes, cosmetics, and other toilet preparations.....	151	100.0	1.7	.7	.4	.1	.6	.7	-
285	Paints, varnishes, lacquers, enamels, and allied products.....	147	100.0	3.7	1.4	1.2	.8	2.2	1.5	.3
2851	Paints, varnishes, lacquers, enamels, and allied products.....	147	100.0	3.7	1.4	1.2	.8	2.2	1.5	.3
28511	Paints, varnishes, lacquers, enamels, and shellacs.....	130	100.0	3.7	.9	1.3	.7	2.1	1.6	.4
287	Agricultural chemicals.....	134	100.0	.3	.1	.5	.2	.4	.1	.2
289	Miscellaneous chemical products.....	171	100.0	2.7	.7	1.2	1.2	1.8	1.7	.2
2891	Glue and gelatin.....	62	100.0	3.7	1.2	2.1	.7	2.4	3.1	.3
28911	Glues, adhesives, sizes, and sizings...	62	100.0	3.7	1.2	2.1	.7	2.4	3.1	.3
2899	Chemical products, n.e.c.....	62	100.0	1.5	.2	1.1	1.9	2.3	.9	.3
28999	Chemical products, n.e.c.....	39	100.0	2.0	.1	1.1	2.2	1.5	1.1	.3
29114	Lubricating oils and similar light oils and derivatives.....	280	100.0	2.5	.8	.6	.4	1.5	1.4	.3
295	Paving and roofing materials.....	87	100.0	1.7	3.6	23.1	10.1	2.4	1.4	3.3
2952	Asphalt felt and coatings.....	58	100.0	2.6	4.4	12.3	2.2	3.6	2.1	.9

See footnotes at end of table.

TABLE 4. Percent Distribution of Commodities, by Production Area of Destination: 1967--Continued

TCC code	Commodity	Percent distribution by production area ¹ of destination--Continued									
		8 (HARR)	9 (SYRA)	10 (BUFF)	11 (CLEV)	12 (PITT)	13 (DETR)	14 (CINC)	15 (CHIC)	16 (MILW)	17 (M-SP)
	TON-MILES OF SHIPMENTS--Con.										
2819	Miscellaneous industrial inorganic chemicals.....	0.8	2.9	0.4	-	0.3	-	-	-	-	-
28194	Inorganic acids and phosphorus compounds (except nitric and sulphuric acid).....	-	-	-	-	10.1	-	-	-	-	-
282	Plastic materials and plasticizers, synthetic resins, rubbers, and fibers.	-	.8	2.2	4.1	.3	2.7	0.6	18.4	0.2	0.4
2821	Plastic materials and plasticizers, synthetic resins, rubbers, and fibers.	-	.8	2.2	4.1	.3	2.7	.6	18.4	.2	.4
28211	Plastic materials and plasticizers, synthetic resins, and nonvulcanizable elastomers.....	-	.8	2.3	4.1	.3	2.8	.1	18.2	.2	.4
283	Drugs (biological products, medicinal chemicals, botanical products, and pharmaceutical preparations).....	.1	-	-	.2	-	.2	.2	1.6	.2	.2
2831	Drugs (biological products, medicinal chemicals, botanical products, and pharmaceutical preparations).....	.1	-	-	.2	-	.2	.2	1.6	.2	.2
28311	Drugs for human use.....	.1	-	-	.2	-	.2	.2	1.6	.2	.2
284	Soap and detergents, cleaning preparations, perfumes, cosmetics, and other toilet preparations.....	.3	1.7	2.2	.4	3.0	1.9	1.0	5.9	.5	.3
2841	Soap and other detergents (except specialty cleansers).....	.2	3.4	4.0	.2	5.2	2.5	1.9	3.8	.6	.1
28411	Synthetic organic detergents.....	.1	5.0	5.4	.1	8.0	1.3	2.6	5.6	-	-
28419	Soap or detergents, n.e.c. (except synthetic organic detergents and specialty cleansers).....	.5	.5	1.3	.4	.4	4.5	.8	.7	1.8	.2
2842	Specialty cleaning, polishing, and sanitation preparations (except soap and detergents).....	2.1	3.4	3.2	.5	.7	.1	.1	16.1	-	-
28422	Specialty cleaning and sanitation preparations.....	.5	5.0	3.5	.7	1.1	.1	.2	7.3	-	-
2844	Perfumes, cosmetics, and other toilet preparations.....	.3	.2	.7	.5	1.3	1.7	.3	4.5	.4	.6
28441	Perfumes, cosmetics, and other toilet preparations.....	.3	.2	.7	.5	1.3	1.7	.3	4.5	.4	.6
285	Paints, varnishes, lacquers, enamels, and allied products.....	.6	1.7	1.4	1.8	3.6	2.8	.6	5.4	.4	2.4
2851	Paints, varnishes, lacquers, enamels, and allied products.....	.6	1.7	1.4	1.8	3.6	2.8	.6	5.4	.4	2.4
28511	Paints, varnishes, lacquers, enamels, and shellacs.....	.5	1.7	1.4	1.7	4.1	2.8	.6	3.0	.4	2.7
287	Agricultural chemicals.....	-	.5	.2	4.5	-	-	-	.8	-	1.5
289	Miscellaneous chemical products.....	1.2	.2	1.3	.5	2.0	.5	.3	4.4	.1	.8
2891	Glue and gelatin.....	2.9	.1	.6	1.3	2.8	-	.1	.2	-	-
28911	Glues, adhesives, sizes, and sizings...	2.9	.1	.6	1.3	2.8	-	.1	.2	-	-
2899	Chemical products, n.e.c.....	.2	.2	1.6	.2	1.5	.5	.3	3.5	.2	1.8
28999	Chemical products, n.e.c.....	-	.3	1.3	.2	.4	.7	.2	2.8	.3	2.9
29114	Lubricating oils and similar light oils and derivatives.....	.4	1.1	1.5	1.5	.7	.5	.3	3.7	-	1.1
295	Paving and roofing materials.....	.6	3.6	4.9	-	1.2	-	-	.6	-	-
2952	Asphalt felt and coatings.....	.9	5.4	7.3	-	1.8	-	-	.9	-	-

See footnotes at end of table.

TABLE 4. Percent Distribution of Commodities, by Production Area of Destination: 1967--Continued

TCC code	Commodity	Percent distribution by production area ¹ of destination--Continued									Sampling variability code ³
		18 (STLO)	19 (ATLA)	20 (DALL)	21 (HOUS)	22 (DENV)	23 (SETL)	24 (SANF)	25 (LOSA)	All other	
	TON-MILES OF SHIPMENTS--Con.										
2819	Miscellaneous industrial inorganic chemicals.....	0.2	-	-	0.8	-	-	-	82.0	5.7	-
28194	Inorganic acids and phosphorus compounds (except nitric and sulphuric acid).....	-	-	-	-	-	-	-	-	34.1	-
282	Plastic materials and plasticizers, synthetic resins, rubbers, and fibers..	1.7	1.5	0.7	9.2	0.1	-	0.8	3.3	46.9	-
2821	Plastic materials and plasticizers, synthetic resins, rubbers, and fibers..	1.7	1.5	.7	9.2	.1	-	.8	3.3	46.9	-
28211	Plastic materials and plasticizers, synthetic resins, and nonvulcanizable elastomers.....	1.7	1.5	.7	9.3	.1	-	.8	3.3	47.3	-
283	Drugs (biological products, medicinal chemicals, botanical products, and pharmaceutical preparations).....	.6	8.2	15.2	.3	.1	0.6	7.8	4.5	59.1	-
2831	Drugs (biological products, medicinal chemicals, botanical products, and pharmaceutical preparations).....	.6	8.2	15.2	.3	.1	.6	7.8	4.5	59.1	-
28311	Drugs for human use.....	.6	8.2	15.2	.3	.1	.6	7.8	4.5	59.1	-
284	Soap and detergents, cleaning preparations, perfumes, cosmetics, and other toilet preparations.....	3.0	2.6	1.0	1.1	.1	2.5	5.7	10.4	42.6	-
2841	Soap and other detergents (except specialty cleansers).....	3.1	1.9	-	.4	-	1.1	2.8	12.6	36.2	-
28411	Synthetic organic detergents.....	3.6	.4	-	-	-	-	-	-	39.4	-
28419	Soap or detergents, n.e.c. (except synthetic organic detergents and specialty cleansers).....	2.0	4.5	.1	1.1	.1	3.0	7.9	34.8	30.2	-
2842	Specialty cleaning, polishing, and sanitation preparations (except soap and detergents).....	.1	.1	10.2	-	-	.9	.8	2.4	32.8	-
28422	Specialty cleaning and sanitation preparations.....	-	-	17.1	-	-	-	-	-	28.7	-
2844	Perfumes, cosmetics, and other toilet preparations.....	3.4	2.9	1.4	2.0	.3	4.4	9.6	9.7	51.6	-
28441	Perfumes, cosmetics, and other toilet preparations.....	3.4	2.9	1.4	2.0	.3	4.4	9.6	9.7	51.6	-
285	Paints, varnishes, lacquers, enamels, and allied products.....	3.6	3.3	2.7	1.6	.2	.1	1.7	3.7	51.3	-
2851	Paints, varnishes, lacquers, enamels, and allied products.....	3.6	3.3	2.7	1.6	.2	.1	1.7	3.7	51.3	-
28511	Paints, varnishes, lacquers, enamels, and shellacs.....	4.0	3.6	3.0	1.6	.2	.2	1.6	2.5	53.7	-
287	Agricultural chemicals.....	1.3	.6	1.9	-	-	.2	-	-	86.7	-
289	Miscellaneous chemical products.....	8.4	1.7	3.3	2.1	-	.1	1.5	5.6	56.5	-
2891	Glue and gelatin.....	19.0	.3	1.0	3.9	-	-	.4	10.6	43.3	-
28911	Glues, adhesives, sizes, and sizings....	19.0	.3	1.0	3.9	-	-	.4	10.6	43.3	-
2899	Chemical products, n.e.c.....	2.2	1.1	.9	.3	.1	-	1.1	.9	75.2	-
28999	Chemical products, n.e.c.....	2.4	-	.8	.4	.2	.1	.2	1.1	77.4	-
29114	Lubricating oils and similar light oils and derivatives.....	3.6	.7	-	9.7	-	-	5.8	1.3	60.6	-
295	Paving and roofing materials.....	-	-	-	-	-	-	-	-	43.5	-
2952	Asphalt felt and coatings.....	-	-	-	-	-	-	-	-	55.6	-

See footnotes at end of table.

TABLE 4. Percent Distribution of Commodities, by Production Area of Destination: 1967 --Continued

TCC code	Commodity	Number	Percent distribution by production area ¹ of destination							
			Total	1 (BOST)	2 (HART)	3 (NYNY)	4 ² (N. NJ)	5 (PHIL)	6 (BALT)	7 (ALLN)
	TON-MILES OF SHIPMENTS--Con.	(millions of ton-miles)								
30	Rubber and miscellaneous plastics products.....	332	100.0	0.7	0.2	0.3	0.2	0.6	0.4	-
306	Miscellaneous fabricated rubber products.....	43	100.0	.2	.1	.1	.1	.3	.5	0.1
3061	Miscellaneous fabricated rubber products.....	43	100.0	.2	.1	.1	.1	.3	.5	.1
30619	Fabricated rubber products, n.e.c.....	26	100.0	.3	.1	.1	.2	.4	-	.1
307	Miscellaneous plastic products.....	289	100.0	.8	.2	.3	.2	.6	.4	-
3071	Miscellaneous plastic products.....	289	100.0	.8	.2	.3	.2	.6	.4	-
30714	Unsupported vinyl and polyethylene film and sheeting.....	106	100.0	1.3	.5	.4	.2	1.0	.6	.1
30719	Fabricated plastics products, n.e.c. (including footwear made wholly of plastic).....	133	100.0	.6	.1	.3	-	.2	-	-
31	Leather and leather products.....	15	100.0	4.4	.1	.2	-	1.3	.3	.1
316	Luggage and handbags (all materials), and other personal leather goods.....	12	100.0	.5	.1	.1	.1	.1	.4	-
3161	Luggage and handbags (all materials), and other personal leather goods.....	12	100.0	.5	.1	.1	.1	.1	.4	-
31611	Luggage, all materials.....	12	100.0	.5	.1	.1	.1	.1	.4	-
32	Stone, clay, and glass products.....	153	100.0	10.0	5.0	5.9	2.9	6.3	4.5	.7
322	Glass and glassware, pressed and blown.....	37	100.0	8.9	5.2	3.5	.6	11.6	12.4	2.3
327	Concrete, gypsum, plaster, and plaster products.....	38	100.0	12.4	2.2	7.0	4.7	3.9	1.0	-
3271	Concrete products.....	26	100.0	11.6	3.2	8.4	6.9	3.7	1.4	-
3292	Asbestos products.....	8	100.0	2.0	3.1	2.8	.8	2.2	.3	.4
33	Primary metal products.....	726	100.0	2.4	.8	.7	.3	1.6	2.7	.2
3312	Primary iron and steel products (except coke-oven products).....	28	100.0	10.1	.7	2.3	.7	1.6	6.1	.1
335	Nonferrous metal basic shapes.....	453	100.0	2.4	.9	.9	.3	.4	3.9	.1
3351	Copper, brass, bronze, and other copper base alloy basic shapes.....	164	100.0	3.0	2.3	1.6	.4	.4	8.2	.1
33511	Copper, brass, bronze, and other copper base alloy rods and bars.....	129	100.0	3.1	2.9	1.9	.5	.4	10.4	-
3356	Miscellaneous nonferrous metal basic shapes (plate, sheet, strip, rods, bars, pipe, and tubing).....	2	100.0	.2	.9	.5	-	.5	19.4	-
3357	Nonferrous wire (including insulated wire).....	286	100.0	2.0	-	.5	.2	.4	1.3	-
33574	Wire and cable, insulated, enameled or covered.....	264	100.0	1.8	-	.5	.2	.2	1.4	-
336	Nonferrous and nonferrous base alloy castings.....	11	100.0	5.6	1.2	1.3	.4	1.1	1.1	.7
339	Miscellaneous primary metal products...	5	100.0	1.7	13.1	1.4	.8	.4	2.1	-
3399	Primary metal products, n.e.c.....	3	100.0	1.0	.3	1.2	-	.1	-	-
34	Fabricated metal products.....	233	100.0	3.8	2.4	1.0	1.7	2.5	1.9	.4
341	Metal cans.....	37	100.0	11.5	1.7	2.4	5.0	7.2	2.3	.5
3411	Metal cans.....	37	100.0	11.5	1.7	2.4	5.0	7.2	2.3	.5
34111	Metal cans.....	37	100.0	11.5	1.7	2.4	5.0	7.2	2.3	.5
349	Miscellaneous fabricated metal products	32	100.0	6.4	4.9	1.0	1.3	6.3	9.7	.9
3494	Valves and pipe fittings (except plumbers' brass goods and fittings).....	5	100.0	.2	.7	.3	.2	.7	.6	-
34941	Metal valves for piping, plumbing, and heating systems.....	4	100.0	.2	.3	.1	.1	.6	.7	-

See footnotes at end of table.

TABLE 4. Percent Distribution of Commodities, by Production Area of Destination: 1967--Continued

TCC code	Commodity	Percent distribution by production area ¹ of destination--Continued									
		8 (HARR)	9 (SYRA)	10 (BUFF)	11 (CLEV)	12 (PITT)	13 (DETR)	14 (CINC)	15 (CHIC)	16 (MILW)	17 (M-SP)
	TON-MILES OF SHIPMENTS--Con.										
30	Rubber and miscellaneous plastics products.....	-	-	0.8	1.2	0.3	0.8	0.2	4.9	1.3	0.9
306	Miscellaneous fabricated rubber products.....	-	-	.3	.3	.5	2.0	.1	8.2	-	1.0
3061	Miscellaneous fabricated rubber products.....	-	-	.3	.3	.5	2.0	.1	8.2	-	1.0
30619	Fabricated rubber products, n.e.c.....	-	-	.4	.4	.1	.3	.2	7.7	-	.2
307	Miscellaneous plastic products.....	-	-	.9	1.3	.3	.6	.3	4.4	1.5	.8
3071	Miscellaneous plastic products.....	-	-	.9	1.3	.3	.6	.3	4.4	1.5	.8
30714	Unsupported vinyl and polyethylene film and sheeting.....	-	-	.9	1.5	.5	.3	.1	5.5	3.8	2.1
30719	Fabricated plastics products, n.e.c. (including footwear made wholly of plastic).....	-	-	.9	1.0	.1	.8	.1	1.6	.2	-
31	Leather and leather products.....	0.1	1.5	.5	1.2	.2	4.9	1.1	2.8	1.0	.2
316	Luggage and handbags (all materials), and other personal leather goods.....	-	1.9	.6	1.6	.3	3.3	1.2	3.4	.4	.3
3161	Luggage and handbags (all materials), and other personal leather goods.....	-	1.9	.6	1.6	.3	3.3	1.2	3.4	.4	.3
31611	Luggage, all materials.....	-	1.9	.6	1.6	.3	3.3	1.2	3.4	.4	.3
32	Stone, clay, and glass products.....	1.4	2.3	2.4	1.6	.8	1.3	.3	1.8	.3	-
322	Glass and glassware, pressed and blown.	.8	2.4	.1	.6	.1	.3	-	1.7	-	-
327	Concrete, gypsum, plaster, and plaster products.....	.8	5.0	3.0	.6	.1	-	-	1.0	-	-
3271	Concrete products.....	1.3	7.4	4.4	.9	-	-	-	1.4	-	-
3292	Asbestos products.....	.2	3.3	5.9	3.3	1.4	.7	4.1	2.0	.2	-
33	Primary metal products.....	.1	2.0	8.6	7.0	1.8	3.9	3.0	3.6	.9	.2
3312	Primary iron and steel products (except coke-oven products).....	1.4	-	.8	15.5	-	1.2	.2	3.2	2.4	-
335	Nonferrous metal basic shapes.....	.1	2.5	2.1	.9	.9	3.5	.5	5.3	1.2	.3
3351	Copper, brass, bronze, and other copper base alloy basic shapes.....	.2	6.6	4.9	.8	1.8	4.5	.1	5.4	3.0	-
33511	Copper, brass, bronze, and other copper base alloy rods and bars.....	.3	8.1	5.7	.8	1.9	5.2	.1	3.0	3.8	.1
3356	Miscellaneous nonferrous metal basic shapes (plate, sheet, strip, rods, bars, pipe, and tubing).....	1.7	-	.8	.4	.1	15.6	.1	26.3	1.3	.2
3357	Nonferrous wire (including insulated wire).....	-	.3	.5	.9	.5	2.8	.7	5.1	.2	.4
33574	Wire and cable, insulated, enameled or covered.....	-	.1	.5	.8	.5	2.6	.7	4.9	.2	.4
336	Nonferrous and nonferrous base alloy castings.....	.5	1.2	7.4	3.3	.8	6.1	.9	3.0	2.2	-
339	Miscellaneous primary metal products...	-	3.2	3.5	3.3	-	3.4	1.5	1.6	.1	.1
3399	Primary metal products, n.e.c.....	-	5.1	5.5	4.0	-	5.0	2.4	2.2	.1	-
34	Fabricated metal products.....	.1	.5	4.2	1.8	1.7	2.8	2.7	18.6	2.7	.4
341	Metal cans.....	.2	1.0	3.7	2.8	4.1	-	4.4	2.5	-	-
3411	Metal cans.....	.2	1.0	3.7	2.8	4.1	-	4.4	2.5	-	-
34111	Metal cans.....	.2	1.0	3.7	2.8	4.1	-	4.4	2.5	-	-
349	Miscellaneous fabricated metal products	.1	.5	.6	2.4	.1	3.9	5.1	3.4	.1	1.2
3494	Valves and pipe fittings (except plumbers' brass goods and fittings).....	.2	.1	1.3	10.1	.8	4.5	1.2	5.1	.6	1.6
34941	Metal valves for piping, plumbing, and heating systems.....	.2	.1	1.5	11.6	.5	5.1	.8	4.9	.7	1.6

See footnotes at end of table.

TABLE 4. Percent Distribution of Commodities, by Production Area of Destination: 1967--Continued

TCC code	Commodity	Percent distribution by production area ¹ of destination--Continued									Sampling variability code ³
		18 (STLO)	19 (ATLA)	20 (DALL)	21 (HOUS)	22 (DENV)	23 (SETL)	24 (SANF)	25 (LOSA)	All other	
	TON-MILES OF SHIPMENTS--Con.										
30	Rubber and miscellaneous plastics products.....	1.4	0.6	1.7	0.4	0.1	10.2	5.2	30.9	36.7	-
306	Miscellaneous fabricated rubber products.....	3.6	3.3	.2	.7	-	.3	1.4	5.4	71.3	-
3061	Miscellaneous fabricated rubber products.....	3.6	3.3	.2	.7	-	.3	1.4	5.4	71.3	-
30619	Fabricated rubber products, n.e.c.....	.3	.2	.1	.1	-	.5	.2	8.4	79.7	-
307	Miscellaneous plastic products.....	1.0	.2	1.9	.3	.1	11.7	5.7	35.0	31.5	-
3071	Miscellaneous plastic products.....	1.0	.2	1.9	.3	.1	11.7	5.7	35.0	31.5	-
30714	Unsupported vinyl and polyethylene film and sheeting.....	.3	-	1.1	.1	-	5.9	13.3	19.5	41.0	-
30719	Fabricated plastics products, n.e.c. (including footwear made wholly of plastic).....	.1	-	2.6	.1	-	20.8	1.3	46.7	22.5	-
31	Leather and leather products.....	2.0	2.7	.9	5.0	.6	3.2	2.4	23.1	40.2	-
316	Luggage and handbags (all materials), and other personal leather goods.....	1.3	3.4	1.1	6.3	.5	4.1	1.9	28.6	38.5	-
3161	Luggage and handbags (all materials), and other personal leather goods.....	1.3	3.4	1.1	6.3	.5	4.1	1.9	28.6	38.5	-
31611	Luggage, all materials.....	1.3	3.4	1.1	6.3	.5	4.1	1.9	28.6	38.5	-
32	Stone, clay, and glass products.....	.5	.1	.3	1.8	.3	-	.1	1.7	47.7	-
322	Glass and glassware, pressed and blown.	-	-	-	-	-	-	-	.2	49.3	-
327	Concrete, gypsum, plaster, and plaster products.....	-	-	-	-	-	-	-	-	58.3	-
3271	Concrete products.....	-	-	-	-	-	-	-	-	49.4	-
3292	Asbestos products.....	-	1.1	4.7	-	-	-	-	-	61.5	-
33	Primary metal products.....	2.2	1.2	6.5	1.7	1.1	4.2	3.1	5.0	35.2	-
3312	Primary iron and steel products (except coke-oven products).....	2.2	.7	-	.1	-	-	-	21.4	29.3	-
335	Nonferrous metal basic shapes.....	3.3	1.1	10.4	2.7	.6	6.7	4.7	6.2	38.1	-
3351	Copper, brass, bronze, and other copper base alloy basic shapes.....	5.4	1.0	4.3	2.1	-	-	.5	10.9	32.5	-
33511	Copper, brass, bronze, and other copper base alloy rods and bars.....	6.9	-	-	.7	-	-	.6	13.9	29.7	-
3356	Miscellaneous nonferrous metal basic shapes (plate, sheet, strip, rods, bars, pipe, and tubing).....	1.0	-	-	-	-	1.7	-	3.4	25.9	-
3357	Nonferrous wire (including insulated wire).....	2.2	1.1	14.0	3.0	1.0	10.6	7.1	3.6	41.6	-
33574	Wire and cable, insulated, enameled or covered.....	2.3	1.2	15.2	3.2	1.0	11.5	6.5	3.8	40.5	-
336	Nonferrous and nonferrous base alloy castings.....	.5	-	.4	.1	-	-	13.0	12.1	37.1	-
339	Miscellaneous primary metal products...	-	-	-	.2	-	-	-	3.1	60.5	-
3399	Primary metal products, n.e.c.....	-	-	-	-	-	-	-	.1	73.0	-
34	Fabricated metal products.....	.7	1.4	.9	5.4	.3	.4	3.8	2.9	35.0	-
341	Metal cans.....	-	6.7	-	-	-	-	4.4	.1	39.5	-
3411	Metal cans.....	-	6.7	-	-	-	-	4.4	.1	39.5	-
34111	Metal cans.....	-	6.7	-	-	-	-	4.4	.1	39.5	-
349	Miscellaneous fabricated metal products	.9	.3	.1	3.6	-	.1	.5	1.3	45.3	-
3494	Valves and pipe fittings (except plumbers' brass goods and fittings).....	2.6	.2	.5	19.0	-	.7	3.4	7.8	37.6	-
34941	Metal valves for piping, plumbing, and heating systems.....	2.1	.2	.3	20.6	-	.8	3.9	2.2	40.9	-

See footnotes at end of table.

TABLE 4. Percent Distribution of Commodities, by Production Area of Destination: 1967 --Continued

TCC code	Commodity	Number	Percent distribution by production area ¹ of destination							
			Total	1 (BOST)	2 (HART)	3 (NYNY)	4 ² (N. NJ)	5 (PHIL)	6 (BALT)	7 (ALLN)
	TON-MILES OF SHIPMENTS--Con.	(millions of ton-miles)								
35	Machinery, except electrical.....	325	100.0	0.6	0.1	0.2	0.1	0.2	0.1	-
353	Construction, mining, and materials handling machinery and equipment.....	78	100.0	1.0	.2	.2	.1	.2	.1	-
355	Special industry machinery (except metalworking machinery).....	17	100.0	2.5	.6	.2	.5	1.2	-	0.1
3561	Pumps, air and gas compressors, and measuring and dispensing pumps, also pumping equipment.....	3	100.0	-	-	.2	-	.8	-	-
359	Miscellaneous machinery and parts (except electrical).....	15	100.0	-	-	.3	-	.5	1.1	-
3599	Miscellaneous machinery and parts (except electrical).....	15	100.0	-	-	.3	-	.5	1.1	-
35999	Machinery and parts, n.e.c. (except electrical).....	11	100.0	-	-	.4	-	.3	1.7	-
36	Electrical machinery and equipment.....	350	100.0	.9	.4	.5	.2	.5	.5	-
361	Electrical transmission and distribution equipment.....	39	100.0	.8	.1	.2	-	1.8	.1	-
3611	Electrical measuring instruments and test equipment.....	2	100.0	.7	-	.2	.1	.6	.1	-
36113	Indicating, recording, and measuring instruments (electrical qualities or characteristics).....	2	100.0	-	-	.1	.1	.6	-	-
364	Electric lighting and wiring equipment.	43	100.0	1.0	.2	.2	.1	.3	.1	-
3642	Lighting fixtures.....	31	100.0	1.2	.3	.2	.1	.4	.1	-
365	Radio and television receiving sets (except communication types), phonographs, and phonograph records.....	99	100.0	.4	.1	.5	.1	.3	.3	-
367	Electronic components or accessories...	26	100.0	.8	.2	.1	-	.1	.1	-
3679	Miscellaneous electronic components and accessories.....	20	100.0	1.1	.2	.1	-	.1	.1	-
36791	Miscellaneous electronic components and accessories.....	20	100.0	1.1	.2	.1	-	.1	.1	-
372	Aircraft and parts.....	3	100.0	.1	.5	.2	.1	1.8	.1	-
38	Instruments, photographic goods, optical goods, watches, and clocks....	37	100.0	4.8	.2	.6	.1	.3	.5	-
381	Engineering, laboratory, and scientific instruments.....	1	100.0	.5	.1	.5	.3	.1	.7	-
3811	Engineering, laboratory, and scientific instruments.....	1	100.0	.5	.1	.5	.3	.1	.7	-
38111	Aircraft flight, nautical, and navigational instruments and automatic pilots.....	1	100.0	-	.1	.3	-	-	1.1	-
39	Miscellaneous products of manufacturing	81	100.0	4.2	.2	.2	-	.2	-	-

See footnotes at end of table.

TABLE 4. Percent Distribution of Commodities, by Production Area of Destination: 1967--Continued

TCC code	Commodity	Percent distribution by production area ¹ of destination--Continued									
		8 (HARR)	9 (SYRA)	10 (BUFF)	11 (CLEV)	12 (PITT)	13 (DETR)	14 (CINC)	15 (CHIC)	16 (MILW)	17 (M-SP)
	TON-MILES OF SHIPMENTS--Con.										
35	Machinery, except electrical.....	0.1	0.2	2.9	1.0	0.4	32.5	0.5	7.3	0.7	1.1
353	Construction, mining, and materials handling machinery and equipment.....	.1	.1	.5	.5	1.4	.5	.7	2.6	.6	.3
355	Special industry machinery (except metalworking machinery).....	.8	.2	1.5	1.1	.3	1.4	5.0	11.7	1.9	7.4
3561	Pumps, air and gas compressors, and measuring and dispensing pumps, also pumping equipment.....	.4	-	14.6	8.2	-	.5	-	6.6	-	-
359	Miscellaneous machinery and parts (except electrical).....	.2	.2	.2	1.7	-	-	-	.8	-	-
3599	Miscellaneous machinery and parts (except electrical).....	.2	.2	.2	1.7	-	-	-	.8	-	-
35999	Machinery and parts, n.e.c. (except electrical).....	.3	.2	-	2.3	-	-	-	.1	-	-
36	Electrical machinery and equipment.....	.1	.2	1.6	1.7	.6	1.6	.6	10.5	1.4	.6
361	Electrical transmission and distribu- tion equipment.....	.1	-	.6	.3	.4	.5	2.0	12.8	.1	-
3611	Electrical measuring instruments and test equipment.....	.1	.1	2.4	1.4	1.2	.7	.9	3.1	.6	.1
36113	Indicating, recording, and measuring instruments (electrical qualities or characteristics).....	.2	-	2.8	1.8	1.5	.7	1.1	2.8	.5	.2
364	Electric lighting and wiring equipment.	-	.3	.5	.7	.5	.9	.8	9.0	1.1	1.3
3642	Lighting fixtures.....	-	.3	.6	.9	.6	.9	1.1	3.7	1.5	1.8
365	Radio and television receiving sets (except communication types), phono- graphs, and phonograph records.....	.2	.1	1.0	2.6	.5	.6	.1	1.5	1.6	.2
367	Electronic components or accessories...	.2	.1	3.5	.4	.3	.3	.3	8.9	-	.1
3679	Miscellaneous electronic components and accessories.....	.3	.1	4.6	.1	.4	.4	.1	6.9	.1	.1
36791	Miscellaneous electronic components and accessories.....	.3	.1	4.6	.1	.4	.4	.1	6.9	.1	.1
372	Aircraft and parts.....	-	-	.1	.4	-	.3	.4	.2	.1	.2
38	Instruments, photographic goods, opti- cal goods, watches, and clocks.....	.1	.2	.5	.3	1.6	.3	.5	2.7	.2	.3
381	Engineering, laboratory, and scientific instruments.....	-	.2	.4	.5	.7	1.5	1.9	1.8	-	-
3811	Engineering, laboratory, and scientific instruments.....	-	.2	.4	.5	.7	1.5	1.9	1.8	-	-
38111	Aircraft flight, nautical, and naviga- tional instruments and automatic pilots.....	-	.2	-	.3	-	-	.1	.2	-	-
39	Miscellaneous products of manufacturing	-	.2	.3	.5	.4	.6	.8	2.9	.1	1.5

See footnotes at end of table.

TABLE 4. Percent Distribution of Commodities, by Production Area of Destination: 1967--Continued

TCC code	Commodity	Percent distribution by production area ¹ of destination--Continued									Sampling variability code
		18 (STLO)	19 (ATLA)	20 (DALL)	21 (HOUS)	22 (DENV)	23 (SETL)	24 (SANF)	25 (LOSA)	All other	
	TON-MILES OF SHIPMENTS--Con.										
35	Machinery, except electrical.....	0.3	0.9	1.4	0.5	0.3	0.7	3.3	6.5	38.1	-
353	Construction, mining, and materials handling machinery and equipment.....	.5	.3	1.6	1.2	.2	1.2	4.3	5.9	75.7	-
355	Special industry machinery (except metalworking machinery).....	.2	1.1	.6	.1	-	-	-	17.4	44.2	-
3561	Pumps, air and gas compressors, and measuring and dispensing pumps, also pumping equipment.....	.5	-	-	5.7	-	-	1.5	.7	60.3	-
359	Miscellaneous machinery and parts (except electrical).....	-	.1	15.5	-	-	1.0	.1	.2	78.1	-
3599	Miscellaneous machinery and parts (except electrical).....	-	.1	15.5	-	-	1.0	.1	.2	78.1	-
35999	Machinery and parts, n.e.c. (except electrical).....	-	.2	22.7	-	-	1.5	.2	.3	69.8	-
36	Electrical machinery and equipment.....	.6	6.0	3.6	2.0	4.6	.8	4.9	11.5	44.1	-
361	Electrical transmission and distribution equipment.....	.5	.8	11.1	3.0	.3	2.5	2.4	20.6	39.0	-
3611	Electrical measuring instruments and test equipment.....	.4	1.4	5.0	3.5	.5	3.1	9.6	18.1	46.1	-
36113	Indicating, recording, and measuring instruments (electrical qualities or characteristics).....	.5	1.8	4.0	4.4	-	4.0	8.9	19.8	44.2	-
364	Electric lighting and wiring equipment.	3.1	10.5	4.2	.6	1.1	1.4	8.6	3.3	50.2	-
3642	Lighting fixtures.....	4.1	5.4	5.5	.6	1.6	1.9	11.8	1.9	53.5	-
365	Radio and television receiving sets (except communication types), phonographs, and phonograph records.....	.4	.3	1.6	3.3	.1	.6	4.9	16.8	61.9	-
367	Electronic components or accessories...	.1	.7	1.0	1.8	.3	1.0	2.1	14.6	63.0	-
3679	Miscellaneous electronic components and accessories.....	.1	.1	.6	.4	.4	1.3	1.6	5.7	75.1	-
36791	Miscellaneous electronic components and accessories.....	.1	.1	.6	.4	.4	1.3	1.6	5.7	75.1	-
372	Aircraft and parts.....	.1	.2	2.6	-	1.2	4.1	2.7	5.0	79.6	-
38	Instruments, photographic goods, optical goods, watches, and clocks....	.5	.9	3.9	.4	1.1	.7	13.5	27.4	38.4	-
381	Engineering, laboratory, and scientific instruments.....	5.2	1.3	4.1	2.4	-	6.3	8.5	21.4	41.6	-
3811	Engineering, laboratory, and scientific instruments.....	5.2	1.3	4.1	2.4	-	6.3	8.5	21.4	41.6	-
38111	Aircraft flight, nautical, and navigational instruments and automatic pilots.....	4.9	1.3	2.1	1.9	.1	10.2	7.9	24.1	45.2	-
39	Miscellaneous products of manufacturing	.1	11.0	.7	.3	.5	3.8	3.1	47.5	20.9	-

¹Designations below the area numbers are used to help identify the area. Descriptions of production areas appear on page 4.

²Includes only those shipments that originated in one city in this area and terminated in another city in this area. Does not include shipments originating and terminating in the same city.

³Code letter indicates a sampling variability range as follows: a, 0-9 percent; b, 10-19 percent; c, 20-29 percent; and d, 30-50 percent. The variability for ton-miles has not been estimated.

PRODUCTION AREA 5

Consists of three Standard Metropolitan Statistical Areas:
Philadelphia, Pa.-N.J.; Wilmington, Del.-N.J.-Md.; Trenton,
N.J.

SUMMARY

The estimates of tons and ton-miles are based on reports from a sample of shipments by approximately 567 manufacturing establishments located in this Production Area. The total tons and ton-miles represent the total inter-city shipments by essentially all manufacturing establishments in the area, except for plants with less than 20 employees. However, since the data are based on a sample, the estimates necessarily are subject to "sampling variability."

The approximate degree of sampling variability for tons for each commodity or commodity class is indicated in the last column of tables 1 to 4. In general, most of the commodity data in this report are subject to substantial sampling variability and should be treated as approximate rather than precise measures.

About 52.7 million tons of commodities were shipped by plants in this area to destinations beyond the local area. These shipments generated 20.9 billion ton-miles by all means of transport combined, and averaged about 396 straight-line miles per ton shipped.

Slightly more than one-half of total tons were petroleum products, nearly all of which moved by water. Motor carrier was the dominant means of transport for all other products, accounting for almost 52 percent.

As shown in tables A, B, and C, petroleum and coal products, as a result of their large volume and unusual traffic pattern, have a marked influence on the distribution of shipments. Consequently, two totals are shown: (1) All commodities combined, and (2) the total exclusive of petroleum and coal products. The influence of these products is most evident in connection with shipments by water, as measured by both tons and ton-miles (see table A).

Comparisons between 1967 and 1963 data are presented in tables A through D. The 1967 survey is comparable with 1963, except for the exclusion from the survey, in 1967, of plants with less than 20 employees. Nationally, those plants accounted for only 4 percent of the total tons originated in the 1963 survey.

Table A. PERCENT DISTRIBUTION OF SHIPMENTS
BY MEANS OF TRANSPORT

Means of transport	All commodities		All commodities except petroleum and coal products	
	1967	1963	1967	1963
Tons of shipments.....millions..	52.7	67.8	25.7	20.8
Ton-miles.....billions..	20.9	9.2	7.4	5.5
TONS OF SHIPMENTS				
Percent distribution				
All means of transport.....	100.0	100.0	100.0	100.0
Rail.....	13.4	12.0	22.7	31.1
Motor carrier.....	28.4	20.6	51.9	47.1
Private truck.....	12.8	8.9	24.2	18.1
Air.....	-	.1	-	.1
Water.....	45.2	58.0	.8	2.3
Other.....	.2	.4	.4	1.3
TON-MILES				
All means of transport.....	100.0	100.0	100.0	100.0
Rail.....	16.0	30.2	40.2	41.0
Motor carrier.....	17.4	28.8	45.4	42.3
Private truck.....	3.5	8.0	9.5	10.7
Air.....	.1	.3	.3	.3
Water.....	62.7	31.0	3.8	2.9
Other.....	.3	1.7	.8	2.8

Note: Ton-miles are the product of weight times distance on a straight-line distance basis.

Table C. PERCENT DISTRIBUTION OF SHIPMENTS
BY DISTANCE OF SHIPMENT

Means of transport	All commodities		All commodities except petroleum and coal products	
	1967	1963	1967	1963
TONS OF SHIPMENTS				
All distances.....	100.0	100.0	100.0	100.0
Under 100 miles.....	50.7	68.6	48.1	41.4
100 to 199 miles.....	8.4	13.6	14.3	15.6
200 to 299 miles.....	8.0	6.7	11.9	19.9
300 to 499 miles.....	5.5	6.2	8.7	9.4
500 to 999 miles.....	5.7	3.6	11.3	9.7
1,000 to 1,499 miles.....	20.2	.6	2.7	1.7
1,500 miles and over.....	1.5	.7	3.0	2.3

Table B. AVERAGE LENGTH OF HAUL
BY MEANS OF TRANSPORT

Means of transport	All commodities		All commodities except petroleum and coal products	
	1967	1963	1967	1963
(Straight-line miles)				
All means of transport.....	396	136	289	267
Rail.....	473	345	512	353
Motor carrier.....	243	191	253	239
Private truck.....	108	123	113	157

Note: Average length of haul is based on straight-line miles from plant to customer or redistribution point, weighted by tonnage shipped (i.e., ton-miles divided by tons). Rail short-line and highway direct-route distances average about 24 and 21 percent, respectively, longer than straight-line distances.

Table D. PERCENT DISTRIBUTION OF SHIPMENTS
BY AREA OF DESTINATION

Area of destination	1967	1963
Tons of shipments.....thousands..	52,660	67,847
Ton-miles.....millions..	20,856	9,247
TONS OF SHIPMENTS		
Percent distribution		
All areas.....	100.0	100.0
Production Area 05 ¹	35.3	31.4
Other production areas.....	27.8	54.4
All other areas.....	36.9	14.2
TON-MILES		
All areas.....	100.0	100.0
Production Area 05 ¹	1.7	5.1
Other production areas.....	20.3	65.1
All other areas.....	78.0	29.8

¹Includes only those shipments that originated in one city in this area and terminated in another city in this area.

TABLE 1. Percent Distribution of Commodities, by Means of Transport: 1967

TCC code	Commodity	Number (thousands of tons)	Percent distribution by means of transport								Sampling variability code ¹
			All means of transport	Rail	Motor carrier	Private truck	Air	Water	Other	Unknown	
	TONS OF SHIPMENTS										
	Production 05, total.....	52,660	100.0	13.4	28.4	12.8	-	45.2	0.1	0.1	-
20	Food and kindred products.....	5,876	100.0	15.2	39.8	44.4	-	.3	-	.3	b
201	Meat, poultry, and small game; fresh, chilled or frozen.....	377	100.0	3.2	45.5	51.0	-	.2	.1	-	d
202	Dairy products.....	342	100.0	-	13.0	87.0	-	-	-	-	c
203	Canned and preserved fruits, vegetables, and seafoods.....	1,344	100.0	34.0	50.0	14.8	-	-	-	1.2	b
2033	Canned fruits and vegetables.....	444	100.0	10.4	53.6	35.9	-	-	-	.1	d
207	Confectionery and related products.....	154	100.0	5.0	88.1	-	-	6.9	-	-	d
2071	Confectionery and related products.....	154	100.0	5.0	88.1	-	-	6.9	-	-	d
208	Beverages and flavoring extracts.....	2,050	100.0	3.4	15.0	81.4	-	.2	-	-	a
2087	Miscellaneous flavoring extracts, sirups, and flavoring compounds (except chocolate sirups).....	47	100.0	28.1	45.5	25.1	-	1.3	-	-	c
20871	Flavoring extracts, emulsions, and flavoring compounds.....	47	100.0	28.1	45.5	25.1	-	1.3	-	-	c
231	Men's, youths', and boys' clothing.....	45	100.0	1.3	61.0	22.4	4.3	-	11.0	-	c
2311	Men's, youths', and boys' clothing.....	45	100.0	1.3	61.0	22.4	4.3	-	11.0	-	c
23111	Men's, youths', and boys' coats, overcoats, and suits.....	45	100.0	1.3	61.0	22.4	4.3	-	11.0	-	c
251	Household and office furniture.....	168	100.0	20.9	72.9	5.4	-	.5	.3	-	d
26	Pulp, paper, and allied products.....	2,099	100.0	32.9	34.1	32.8	-	.1	-	.1	b
262	Paper (except building paper).....	123	100.0	12.6	66.8	18.8	.1	1.7	-	-	d
2621	Paper (except building paper).....	123	100.0	12.6	66.8	18.8	.1	1.7	-	-	d
263	Paperboard, fiberboard, and pulpboard (except insulating board).....	778	100.0	33.0	29.9	37.1	-	-	-	-	d
2631	Paperboard, fiberboard, and pulpboard (except insulating board).....	778	100.0	33.0	29.9	37.1	-	-	-	-	d
26311	Paperboard, fiberboard, and pulpboard (except insulating board).....	778	100.0	33.0	29.9	37.1	-	-	-	-	d
264	Converted paper and paperboard products (except containers and boxes).....	527	100.0	57.4	27.2	15.1	-	-	.1	.2	b
265	Containers, boxes and related products, paperboard, fiberboard, and pulpboard.....	573	100.0	15.7	37.7	46.6	-	-	-	-	d
2651	Containers, boxes, baskets, pallets and skids, paperboard, fiberboard, and pulpboard.....	434	100.0	13.2	28.0	58.8	-	-	-	-	d
26511	Containers and boxes, paperboard, fiberboard, and pulpboard.....	433	100.0	13.2	28.0	58.8	-	-	-	-	d
28	Chemicals and allied products.....	5,428	100.0	23.2	52.6	22.8	-	1.2	.1	.1	b
281	Industrial chemicals.....	3,097	100.0	26.7	38.3	33.3	-	1.5	.1	.1	b
2813	Industrial gases, compressed and liquefied.....	532	100.0	11.4	4.4	83.4	.1	.2	.1	.4	c
28139	Industrial gases, n.e.c.....	409	100.0	4.6	5.7	88.6	.1	.3	.1	.6	d
2818	Miscellaneous industrial organic chemicals.....	516	100.0	36.3	56.6	5.0	-	2.0	.1	-	c
28189	Industrial organic chemicals, n.e.c.....	232	100.0	34.8	53.9	6.5	-	4.6	.2	-	c
2819	Miscellaneous industrial inorganic chemicals.....	627	100.0	44.7	36.6	14.8	-	3.9	-	-	c
28193	Sulphuric acid.....	150	100.0	17.2	25.3	41.2	-	16.3	-	-	c

See footnote at end of table.

TABLE 1. Percent Distribution of Commodities, by Means of Transport: 1967--Continued

TCC code	Commodity	Number	Percent distribution by means of transport								Sampling variability code ¹
			All means of transport	Rail	Motor carrier	Private truck	Air	Water	Other	Unknown	
	TONS OF SHIPMENTS--Continued	(thousands of tons)									
28194	Inorganic acids and phosphorus compounds (except nitric and sulphuric acid).....	54	100.0	27.0	53.9	19.1	-	-	-	-	d
28199	Industrial inorganic chemicals, n.e.c. (industrial reagent and high purity chemicals).....	101	100.0	46.6	40.7	12.7	-	-	-	-	c
282	Plastic materials and plasticizers, synthetic resins, rubbers, and fibers.	920	100.0	20.0	75.2	4.0	-	0.7	0.1	-	a
2821	Plastic materials and plasticizers, synthetic resins, rubbers, and fibers.	920	100.0	20.0	75.2	4.0	-	.7	.1	-	a
28211	Plastic materials and plasticizers, synthetic resins, and nonvulcanizable elastomers.....	848	100.0	18.0	77.8	3.4	-	.6	.2	-	a
283	Drugs (biological products, medicinal chemicals, botanical products, and pharmaceutical preparations).....	110	100.0	28.0	67.8	.1	0.6	2.6	.9	-	b
2831	Drugs (biological products, medicinal chemicals, botanical products, and pharmaceutical preparations).....	110	100.0	28.0	67.8	.1	.6	2.6	.9	-	b
28311	Drugs for human use.....	110	100.0	28.1	67.9	.1	.4	2.6	.9	-	b
284	Soap and detergents, cleaning preparations, perfumes, cosmetics, and other toilet preparations.....	596	100.0	17.7	68.4	12.4	-	1.3	.1	0.1	c
2841	Soap and other detergents (except specialty cleansers).....	237	100.0	8.8	77.0	13.9	-	-	-	.3	d
28419	Soap or detergents, n.e.c. (except synthetic organic detergents and specialty cleansers).....	237	100.0	8.8	77.0	13.9	-	-	-	.3	d
2842	Specialty cleaning, polishing, and sanitation preparations (except soap and detergents).....	272	100.0	31.1	62.6	5.4	-	.7	.2	-	c
28423	Waxes and polishing preparations and related products.....	148	100.0	28.2	67.9	2.5	-	1.3	.1	-	c
2843	Surface active agents, finishing agents, sulfonated oils and assistants	65	100.0	-	50.4	40.8	-	8.8	-	-	d
28431	Surface active agents, finishing agents, sulfonated oils and assistants	65	100.0	-	50.4	40.8	-	8.8	-	-	d
285	Paints, varnishes, lacquers, enamels, and allied products.....	133	100.0	2.8	93.4	3.6	.1	.1	-	-	b
2851	Paints, varnishes, lacquers, enamels, and allied products.....	133	100.0	2.8	93.4	3.6	.1	.1	-	-	b
28511	Paints, varnishes, lacquers, enamels, and shellacs.....	112	100.0	3.2	93.7	3.1	-	-	-	-	b
28519	Paints, varnishes, lacquers, shellacs, enamels, and allied products, n.e.c. (including mixed shipments).....	15	100.0	.8	99.1	-	.1	-	-	-	d
287	Agricultural chemicals.....	66	100.0	7.9	91.9	.2	-	-	-	-	d
2879	Agricultural chemicals, n.e.c., and rodenticides, insecticides, fungicides, herbicides, plant hormones, and pesticides.....	66	100.0	7.9	91.9	.2	-	-	-	-	d
28799	Agricultural chemicals, n.e.c., and rodenticides, insecticides, fungicides, herbicides, plant hormones, and pesticides.....	66	100.0	7.9	91.9	.2	-	-	-	-	d
289	Miscellaneous chemical products.....	505	100.0	20.4	60.9	18.0	-	.5	.2	-	c
2899	Chemical products, n.e.c.....	387	100.0	26.1	57.7	16.1	.1	-	-	-	c

See footnote at end of table.

TABLE 1. Percent Distribution of Commodities, by Means of Transport: 1967--Continued

TCC code	Commodity	Number	Percent distribution by means of transport								Sampling variability code
			All means of transport	Rail	Motor carrier	Private truck	Air	Water	Other	Unknown	
	TONS OF SHIPMENTS--Continued	(thousands of tons)									
28998	Packaged chemical compounds.....	16	100.0	-	98.2	1.2	-	-	0.5	0.1	c
28999	Chemical products, n.e.c.....	314	100.0	29.1	51.2	19.7	-	-	-	-	c
29	Petroleum and coal products.....	26,997	100.0	4.5	6.0	2.0	-	87.5	-	-	d
291	Products of petroleum refining.....	25,793	100.0	2.3	5.8	.7	-	91.2	-	-	d
2911	Products of petroleum refining (except liquefied petroleum gases and petroleum coke and breeze).....	25,515	100.0	1.8	5.3	.6	-	92.3	-	-	d
29111	Gasoline, jet fuels, and other high volatile petroleum fuels (except natural gasoline).....	2,126	100.0	.1	7.2	1.4	-	91.3	-	-	d
299	Miscellaneous petroleum and coal products.....	761	100.0	75.5	14.3	.2	-	10.0	-	-	d
2991	Miscellaneous petroleum and coal products.....	761	100.0	75.5	14.3	.2	-	10.0	-	-	d
30	Rubber and miscellaneous plastics products.....	684	100.0	23.8	73.7	2.1	0.1	.1	.2	-	b
301	Tires and inner tubes.....	170	100.0	37.2	62.8	-	-	-	-	-	b
3011	Tires and inner tubes.....	170	100.0	37.2	62.8	-	-	-	-	-	b
306	Miscellaneous fabricated rubber products.....	260	100.0	15.1	83.5	.7	.1	-	.5	.1	d
3061	Miscellaneous fabricated rubber products.....	260	100.0	15.1	83.5	.7	.1	-	.5	.1	d
307	Miscellaneous plastic products.....	255	100.0	23.7	70.5	5.0	.2	.4	.2	-	c
3071	Miscellaneous plastic products.....	255	100.0	23.7	70.5	5.0	.2	.4	.2	-	c
30714	Unsupported vinyl and polyethylene film and sheeting.....	69	100.0	23.6	66.4	8.6	.1	1.3	-	-	c
32	Stone, clay, and glass products.....	2,101	100.0	9.7	73.6	16.4	-	.1	.1	.1	c
322	Glass and glassware, pressed and blown.....	399	100.0	3.9	84.5	11.6	-	-	-	-	c
3221	Glass containers, caps and covers.....	397	100.0	4.0	84.4	11.6	-	-	-	-	c
325	Structural clay products.....	739	100.0	14.8	58.9	25.5	-	.4	.1	.3	d
329	Abrasives, asbestos, and miscellaneous nonmetallic mineral products.....	342	100.0	18.2	79.6	1.8	-	-	.2	.2	b
3291	Abrasive products.....	23	100.0	.1	97.2	.1	.4	-	2.2	-	c
32912	Nonmetallic bonded abrasive products...	18	100.0	.1	96.5	.1	.5	-	2.8	-	d
3292	Asbestos products.....	87	100.0	11.7	84.6	3.0	-	-	-	.7	b
33	Primary metal products.....	3,568	100.0	38.0	47.3	12.9	-	1.7	.1	-	a
331	Steel works and rolling mill products..	2,919	100.0	45.4	40.3	12.2	-	2.0	.1	-	a
3312	Primary iron and steel products (except coke-oven products).....	2,719	100.0	45.8	39.2	13.0	-	1.9	.1	-	a
33122	Plates, iron and steel.....	860	100.0	54.4	36.8	6.7	-	2.1	-	-	a
33123	Sheet and strip, iron and steel (except tin mill products).....	1,265	100.0	38.3	37.2	22.7	-	1.8	-	-	c
332	Iron and steel castings.....	339	100.0	3.3	88.5	7.3	-	.7	.2	-	c
3321	Iron and steel castings.....	339	100.0	3.3	88.5	7.3	-	.7	.2	-	c
333	Nonferrous metals primary smelter products (slab, ingot, pig, etc., and residues).....	73	100.0	9.6	32.5	55.3	-	-	2.6	-	d
335	Nonferrous metal basic shapes.....	160	100.0	3.3	84.0	12.5	.1	-	.1	-	d
336	Nonferrous and nonferrous base alloy castings.....	26	100.0	-	38.1	61.4	.3	-	.1	.1	c
339	Miscellaneous primary metal products...	52	100.0	17.3	75.7	6.9	.1	-	-	-	c
3391	Iron and steel forgings.....	50	100.0	17.8	76.6	5.5	.1	-	-	-	c
33911	Iron and steel forgings.....	50	100.0	17.8	76.6	5.5	.1	-	-	-	c

See footnote at end of table.

TABLE 1. Percent Distribution of Commodities, by Means of Transport: 1967--Continued

TCC code	Commodity	Number	Percent distribution by means of transport								Sampling variability code ¹
			All means of transport	Rail	Motor carrier	Private truck	Air	Water	Other	Unknown	
	TONS OF SHIPMENTS--Continued	(thousands of tons)									
34	Fabricated metal products.....	1,314	100.0	39.7	43.4	13.8	0.2	0.5	2.3	0.1	b
341	Metal cans.....	104	100.0	33.1	14.3	20.5	-	2.1	28.2	1.8	a
3411	Metal cans.....	104	100.0	33.1	14.3	20.5	-	2.1	28.2	1.8	a
34111	Metal cans.....	104	100.0	33.1	14.3	20.5	-	2.1	28.2	1.8	a
344	Structural and miscellaneous metal products.....	697	100.0	23.3	57.1	19.5	-	.1	-	-	d
3441	Structural metal products.....	602	100.0	24.6	60.5	14.8	-	.1	-	-	d
3443	Fabricated plate products (boiler shop products).....	25	100.0	56.1	41.1	2.8	-	-	-	-	d
345	Bolts, nuts, screws, rivets, washers, and other industrial fasteners.....	26	100.0	3.7	93.4	.6	1.4	.7	.2	-	c
3452	Bolts, nuts, screws, rivets, washers, and other industrial fasteners.....	26	100.0	3.7	93.4	.6	1.4	.7	.2	-	c
346	Metal stampings.....	321	100.0	86.7	9.0	3.8	.5	-	-	-	a
3461	Metal stampings.....	321	100.0	86.7	9.0	3.8	.5	-	-	-	a
348	Miscellaneous fabricated wire products.....	53	100.0	8.4	76.3	15.3	-	-	-	-	d
3481	Miscellaneous fabricated wire products.....	53	100.0	8.4	76.3	15.3	-	-	-	-	d
349	Miscellaneous fabricated metal products.....	13	100.0	-	81.9	15.6	1.8	-	.7	-	d
3499	Fabricated metal products, n.e.c.....	5	100.0	-	60.2	37.1	2.7	-	-	-	d
34999	Fabricated metal products, n.e.c.....	4	100.0	-	52.0	47.6	.4	-	-	-	d
35	Machinery, except electrical.....	266	100.0	18.3	62.8	17.6	.5	.2	.6	-	b
353	Construction, mining, and materials handling machinery and equipment.....	76	100.0	1.6	62.7	34.7	.5	-	.5	-	d
3544	Special dies and tools, die sets, jigs, fixtures, and industrial molds and patterns.....	1	100.0	-	94.5	1.5	.2	-	3.8	-	d
35441	Special dies and tools, die sets, jigs, and fixtures.....	1	100.0	-	94.5	1.5	.2	-	3.8	-	d
355	Special industry machinery (except metalworking machinery).....	50	100.0	8.0	75.1	15.5	.9	-	.4	.1	d
356	General industrial machinery and equipment.....	45	100.0	8.1	86.2	3.5	.4	1.0	.8	-	d
36	Electrical machinery and equipment.....	475	100.0	17.0	61.1	20.0	.5	.1	1.2	.1	c
364	Electric lighting and wiring equipment.....	159	100.0	10.4	61.9	26.4	.1	-	1.1	.1	d
3642	Lighting fixtures.....	151	100.0	10.8	62.1	25.9	.1	-	1.0	.1	d
36421	Electric fixtures, residential, commercial, institutional, and industrial types.....	126	100.0	13.0	73.9	11.7	.1	-	1.2	.1	d
367	Electronic components or accessories.....	11	100.0	28.4	26.9	33.7	9.4	.1	1.5	-	d
3679	Miscellaneous electronic components and accessories.....	4	100.0	1.6	64.3	2.5	27.1	.4	4.1	-	d
36791	Miscellaneous electronic components and accessories.....	4	100.0	1.6	64.3	2.5	27.1	.4	4.1	-	d
37	Transportation equipment.....	860	100.0	42.5	55.3	2.0	.1	-	.1	-	a
371	Motor vehicles and motor vehicle equipment.....	835	100.0	43.7	55.5	.7	.1	-	-	-	a
38212	Gas, water, and other liquid meters and recording devices.....	4	100.0	.2	93.2	4.3	2.2	-	.1	-	d
39	Miscellaneous products of manufacturing.....	73	100.0	3.1	91.8	1.4	.4	.1	2.2	1.0	d
399	Miscellaneous manufactured products.....	48	100.0	3.9	89.6	1.1	.6	-	3.3	1.5	d

See footnote at end of table.

TABLE 1. Percent Distribution of Commodities, by Means of Transport: 1967--Continued

TCC code	Commodity	Number	Percent distribution by means of transport								Sampling variability code
			All means of transport	Rail	Motor carrier	Private truck	Air	Water	Other	Unknown	
	TON-MILES OF SHIPMENTS	(millions of ton-miles)									
	Production Area 05, total.....	20,856	100.0	16.0	17.4	3.5	0.1	62.7	0.2	0.1	-
20	Food and kindred products.....	1,178	100.0	33.7	42.0	20.6	-	3.3	-	.4	-
201	Meat, poultry, and small game; fresh, chilled or frozen.....	100	100.0	12.9	68.4	18.1	-	.6	-	-	-
202	Dairy products.....	18	100.0	-	28.1	71.9	-	-	-	-	-
203	Canned and preserved fruits, vegetables, and seafoods.....	305	100.0	52.7	37.6	8.2	-	-	-	1.5	-
2033	Canned fruits and vegetables.....	90	100.0	11.7	62.4	24.6	-	-	-	1.3	-
207	Confectionery and related products.....	110	100.0	10.1	65.3	-	-	24.6	-	-	-
2071	Confectionery and related products.....	110	100.0	10.1	65.3	-	-	24.6	-	-	-
208	Beverages and flavoring extracts.....	278	100.0	16.9	19.9	59.5	-	3.6	-	.1	-
2087	Miscellaneous flavoring extracts, sirups, and flavoring compounds (except chocolate sirups).....	20	100.0	65.9	28.4	4.5	-	1.2	-	-	-
20871	Flavoring extracts, emulsions, and flavoring compounds.....	20	100.0	65.9	28.4	4.5	-	1.2	-	-	-
231	Men's, youths', and boys' clothing.....	24	100.0	1.6	69.0	1.8	10.8	-	16.8	-	-
2311	Men's, youths', and boys' clothing.....	24	100.0	1.6	69.0	1.8	10.8	-	16.8	-	-
23111	Men's, youths', and boys' coats, overcoats, and suits.....	24	100.0	1.6	69.0	1.8	10.8	-	16.8	-	-
251	Household and office furniture.....	60	100.0	27.8	69.3	2.3	-	.6	-	-	-
26	Pulp, paper, and allied products.....	645	100.0	62.3	23.7	13.3	.1	.5	.1	-	-
262	Paper (except building paper).....	59	100.0	53.5	21.5	20.7	.1	4.1	-	.1	-
2621	Paper (except building paper).....	59	100.0	53.5	21.5	20.7	.1	4.1	-	.1	-
263	Paperboard, fiberboard, and pulpboard (except insulating board).....	214	100.0	76.5	13.8	9.7	-	-	-	-	-
2631	Paperboard, fiberboard, and pulpboard (except insulating board).....	214	100.0	76.5	13.8	9.7	-	-	-	-	-
26311	Paperboard, fiberboard, and pulpboard (except insulating board).....	214	100.0	76.5	13.8	9.7	-	-	-	-	-
264	Converted paper and paperboard products (except containers and boxes).....	190	100.0	68.4	21.4	9.3	.1	.5	.2	.1	-
265	Containers, boxes and related products, paperboard, fiberboard, and pulpboard.....	138	100.0	35.4	42.0	22.5	.1	-	-	-	-
2651	Containers, boxes, baskets, pallets and skids, paperboard, fiberboard, and pulpboard.....	81	100.0	26.3	36.1	37.5	.1	-	-	-	-
26511	Containers and boxes, paperboard, fiberboard, and pulpboard.....	81	100.0	26.3	36.1	37.5	.1	-	-	-	-
28	Chemicals and allied products.....	1,532	100.0	43.3	41.9	9.4	.2	4.9	.2	.1	-
281	Industrial chemicals.....	678	100.0	44.7	36.8	14.5	.2	3.5	.2	.1	-
2813	Industrial gases, compressed and liquefied.....	52	100.0	21.4	19.6	54.3	2.3	-	1.4	1.0	-
28139	Industrial gases, n.e.c.....	40	100.0	13.3	25.1	55.7	2.9	-	1.8	1.2	-
2818	Miscellaneous industrial organic chemicals.....	139	100.0	55.5	36.5	5.4	-	2.5	.1	-	-
28189	Industrial organic chemicals, n.e.c....	72	100.0	56.7	32.6	5.8	-	4.8	.1	-	-
2819	Miscellaneous industrial inorganic chemicals.....	135	100.0	44.9	48.7	6.1	-	.3	-	-	-
28193	Sulphuric acid.....	8	100.0	12.8	38.7	43.0	-	5.5	-	-	-

See footnote at end of table.

TABLE 1. Percent Distribution of Commodities, by Means of Transport: 1967--Continued

TCC code	Commodity	Number	Percent distribution by means of transport								Sampling variability code ¹
			All means of transport	Rail	Motor carrier	Private truck	Air	Water	Other	Unknown	
	TON-MILES OF SHIPMENTS--Continued	(millions of ton-miles)									
28194	Inorganic acids and phosphorus compounds (except nitric and sulphuric acid).....	45	100.0	19.1	79.1	1.8	-	-	-	-	-
28199	Industrial inorganic chemicals, n.e.c. (including reagent and high purity chemicals).....	41	100.0	58.2	34.4	7.4	-	-	-	-	-
282	Plastic materials and plasticizers, synthetic resins, rubbers, and fibers.	220	100.0	44.6	45.6	6.3	0.2	3.1	0.1	0.1	-
2821	Plastic materials and plasticizers, synthetic resins, rubbers, and fibers.	220	100.0	44.6	45.6	6.3	.2	3.1	.1	.1	-
28211	Plastic materials and plasticizers, synthetic resins, and nonvulcanizable elastomers.....	188	100.0	43.5	47.2	5.3	.2	3.6	.1	.1	-
283	Drugs (biological products, medicinal chemicals, botanical products, and pharmaceutical preparations).....	83	100.0	58.6	32.6	-	.9	7.3	.6	-	-
2831	Drugs (biological products, medicinal chemicals, botanical products, and pharmaceutical preparations).....	83	100.0	58.6	32.6	-	.9	7.3	.6	-	-
28311	Drugs for human use.....	83	100.0	58.7	32.6	-	.7	7.4	.6	-	-
284	Soap and detergents, cleaning preparations, perfumes, cosmetics, and other toilet preparations.....	287	100.0	38.0	45.8	4.3	.1	11.5	.2	.1	-
2841	Soap and other detergents (except specialty cleansers).....	46	100.0	26.3	62.4	10.6	-	-	-	.7	-
28419	Soap or detergents, n.e.c. (except synthetic organic detergents and specialty cleansers).....	46	100.0	26.4	62.3	10.6	-	-	-	.7	-
2842	Specialty cleaning, polishing, and sanitation preparations (except soap and detergents).....	182	100.0	53.4	42.9	.9	-	2.6	.2	-	-
28423	Waxes and polishing preparations and related products.....	77	100.0	45.7	47.4	.4	-	6.1	.4	-	-
2843	Surface active agents, finishing agents, sulfonated oils and assistants	46	100.0	-	26.3	12.9	-	60.8	-	-	-
28431	Surface active agents, finishing agents, sulfonated oils and assistants	46	100.0	-	26.3	12.9	-	60.8	-	-	-
285	Paints, varnishes, lacquers, enamels, and allied products.....	35	100.0	1.8	95.9	1.9	.1	.3	-	-	-
2851	Paints, varnishes, lacquers, enamels, and allied products.....	35	100.0	1.8	95.9	1.9	.1	.3	-	-	-
28511	Paints, varnishes, lacquers, enamels, and shellacs.....	28	100.0	1.2	98.0	.8	-	-	-	-	-
28519	Paints, varnishes, lacquers, shellacs, enamels, and allied products, n.e.c. (including mixed shipments).....	6	100.0	5.2	94.7	-	.1	-	-	-	-
287	Agricultural chemicals.....	26	100.0	37.2	62.6	.1	.1	-	-	-	-
2879	Agricultural chemicals, n.e.c., and rodenticides, insecticides, fungicides, herbicides, plant hormones, and pesticides.....	26	100.0	37.2	62.6	.1	.1	-	-	-	-
28799	Agricultural chemicals, n.e.c., and rodenticides, insecticides, fungicides, herbicides, plant hormones, and pesticides.....	26	100.0	37.2	62.6	.1	.1	-	-	-	-
289	Miscellaneous chemical products.....	202	100.0	46.7	41.8	8.8	.2	2.3	.2	-	-
2899	Chemical products, n.e.c.....	147	100.0	62.8	32.1	4.8	.3	-	-	-	-

See footnote at end of table.

TABLE 1. Percent Distribution of Commodities, by Means of Transport: 1967--Continued

TCC code	Commodity	Number	Percent distribution by means of transport								Sampling variability code ¹
			All means of transport	Rail	Motor carrier	Private truck	Air	Water	Other	Unknown	
	TON-MILES OF SHIPMENTS--Continued	(millions of ton-miles)									
28998	Packaged chemical compounds.....	5	100.0	-	99.7	0.2	-	-	0.1	-	-
28999	Chemical products, n.e.c.....	107	100.0	69.6	23.9	6.5	-	-	-	-	-
29	Petroleum and coal products.....	13,428	100.0	2.6	1.9	.2	-	95.3	-	-	-
291	Products of petroleum refining.....	13,246	100.0	1.5	1.9	.1	-	96.5	-	-	-
2911	Products of petroleum refining (except liquefied petroleum gases and petroleum coke and breeze).....	13,191	100.0	1.1	1.8	.1	-	97.0	-	-	-
29111	Gasoline, jet fuels, and other high volatile petroleum fuels (except natural gasoline).....	164	100.0	.5	5.1	.8	-	93.6	-	-	-
299	Miscellaneous petroleum and coal products.....	162	100.0	91.8	7.4	.1	-	.7	-	-	-
2991	Miscellaneous petroleum and coal products.....	162	100.0	91.8	7.4	.1	-	.7	-	-	-
30	Rubber and miscellaneous plastics products.....	323	100.0	37.5	59.9	1.9	0.1	-	.5	0.1	-
301	Tires and inner tubes.....	49	100.0	47.8	52.2	-	-	-	-	-	-
3011	Tires and inner tubes.....	49	100.0	47.8	52.2	-	-	-	-	-	-
306	Miscellaneous fabricated rubber products.....	163	100.0	28.7	69.7	.5	.1	-	.8	.2	-
3061	Miscellaneous fabricated rubber products.....	163	100.0	28.7	69.7	.5	.1	-	.8	.2	-
307	Miscellaneous plastic products.....	111	100.0	45.8	48.7	4.9	.3	-	.3	-	-
3071	Miscellaneous plastic products.....	111	100.0	45.8	48.7	4.9	.3	-	.3	-	-
30714	Unsupported vinyl and polyethylene film and sheeting.....	39	100.0	55.9	33.8	10.2	-	.1	-	-	-
32	Stone, clay, and glass products.....	423	100.0	22.5	69.5	7.3	.1	-	.1	.5	-
322	Glass and glassware, pressed and blown.....	51	100.0	10.5	75.5	13.9	.1	-	-	-	-
3221	Glass containers, caps and covers.....	51	100.0	10.6	75.4	14.0	-	-	-	-	-
325	Structural clay products.....	184	100.0	32.5	57.9	8.3	-	.1	.1	1.1	-
329	Abrasives, asbestos, and miscellaneous nonmetallic mineral products.....	139	100.0	20.7	77.8	1.2	.1	-	.1	.1	-
3291	Abrasive products.....	19	100.0	.1	98.2	.1	.9	-	.7	-	-
32912	Nonmetallic bonded abrasive products...	15	100.0	.1	97.8	.1	1.2	-	.8	-	-
3292	Asbestos products.....	48	100.0	21.2	76.1	2.4	-	-	-	.3	-
33	Primary metal products.....	1,180	100.0	54.9	27.1	3.0	-	14.9	.1	-	-
331	Steel works and rolling mill products..	1,019	100.0	61.0	20.1	2.0	-	16.9	-	-	-
3312	Primary iron and steel products (except coke-oven products).....	907	100.0	62.1	18.5	2.2	-	17.2	-	-	-
33122	Plates, iron and steel.....	282	100.0	62.0	21.0	2.1	-	14.9	-	-	-
33123	Sheet and strip, iron and steel (except tin mill products).....	292	100.0	50.7	26.6	4.7	-	18.0	-	-	-
332	Iron and steel castings.....	57	100.0	13.1	75.1	5.9	.4	5.4	.1	-	-
3321	Iron and steel castings.....	57	100.0	13.1	75.1	5.9	.4	5.4	.1	-	-
333	Nonferrous metals primary smelter products (slab, ingot, pig, etc., and residues).....	12	100.0	19.4	33.6	36.2	-	-	10.8	-	-
335	Nonferrous metal basic shapes.....	53	100.0	20.1	75.5	3.9	.4	-	.1	-	-
336	Nonferrous and nonferrous base alloy castings.....	6	100.0	-	43.5	55.7	.8	-	-	-	-
339	Miscellaneous primary metal products...	34	100.0	19.6	76.2	4.1	.1	-	-	-	-
3391	Iron and steel forgings.....	33	100.0	19.8	76.6	3.5	.1	-	-	-	-
33911	Iron and steel forgings.....	33	100.0	19.8	76.6	3.5	.1	-	-	-	-

See footnote at end of table.

TABLE 1. Percent Distribution of Commodities, by Means of Transport: 1967--Continued

TCC code	Commodity	Number	Percent distribution by means of transport								Sampling variability code ¹
			All means of transport	Rail	Motor carrier	Private truck	Air	Water	Other	Unknown	
	TON-MILES OF SHIPMENTS--Continued	(millions of ton-miles)									
34	Fabricated metal products.....	443	100.0	60.5	23.3	10.7	1.0	2.6	1.6	0.3	-
341	Metal cans.....	55	100.0	53.4	10.2	3.3	.1	19.1	11.8	2.1	-
3411	Metal cans.....	55	100.0	53.4	10.2	3.3	.1	19.1	11.8	2.1	-
34111	Metal cans.....	55	100.0	53.4	10.2	3.3	.1	19.1	11.8	2.1	-
344	Structural and miscellaneous metal products.....	130	100.0	38.8	30.5	30.4	.3	-	-	-	-
3441	Structural metal products.....	99	100.0	37.8	25.1	37.1	-	-	-	-	-
3443	Fabricated plate products (boiler shop products).....	19	100.0	68.1	31.7	.1	.1	-	-	-	-
345	Bolts, nuts, screws, rivets, washers, and other industrial fasteners.....	14	100.0	11.6	84.7	.6	1.6	1.3	.2	-	-
3452	Bolts, nuts, screws, rivets, washers, and other industrial fasteners.....	14	100.0	11.6	84.7	.6	1.6	1.3	.2	-	-
346	Metal stampings.....	177	100.0	90.9	4.6	3.0	1.5	-	-	-	-
3461	Metal stampings.....	177	100.0	90.9	4.6	3.0	1.5	-	-	-	-
348	Miscellaneous fabricated wire products.....	9	100.0	9.6	82.5	7.4	.5	-	-	-	-
3481	Miscellaneous fabricated wire products.....	9	100.0	9.6	82.5	7.4	.5	-	-	-	-
349	Miscellaneous fabricated metal products.....	5	100.0	-	94.6	1.0	2.9	-	1.5	-	-
3499	Fabricated metal products, n.e.c.....	1	100.0	-	89.8	3.5	6.7	-	-	-	-
34999	Fabricated metal products, n.e.c.....	1	100.0	-	89.5	7.3	3.2	-	-	-	-
35	Machinery, except electrical.....	160	100.0	27.4	59.5	11.3	.6	.7	.5	-	-
353	Construction, mining, and materials handling machinery and equipment.....	42	100.0	2.9	61.9	34.2	.8	-	.2	-	-
3544	Special dies and tools, die sets, jigs, fixtures, and industrial molds and patterns.....	1	100.0	-	97.5	.1	.1	-	2.3	-	-
35441	Special dies and tools, die sets, jigs, and fixtures.....	1	100.0	-	97.5	.1	.1	-	2.3	-	-
355	Special industry machinery (except metalworking machinery).....	40	100.0	9.6	83.5	5.7	.8	-	.4	-	-
356	General industrial machinery and equipment.....	21	100.0	16.4	76.0	.3	.6	5.1	1.6	-	-
36	Electrical machinery and equipment.....	253	100.0	31.8	58.3	5.6	1.3	.3	2.6	.1	-
364	Electric lighting and wiring equipment.....	70	100.0	32.5	55.5	9.2	.1	-	2.6	.1	-
3642	Lighting fixtures.....	68	100.0	33.0	55.3	8.9	.1	-	2.6	.1	-
36421	Electric fixtures, residential, commercial, institutional, and industrial types.....	65	100.0	34.4	56.8	5.9	.1	-	2.7	.1	-
367	Electronic components or accessories.....	4	100.0	4.1	57.6	8.2	28.2	.3	1.6	-	-
3679	Miscellaneous electronic components and accessories.....	3	100.0	3.4	53.6	.2	40.2	.4	2.2	-	-
36791	Miscellaneous electronic components and accessories.....	3	100.0	3.4	53.6	.2	40.2	.4	2.2	-	-
37	Transportation equipment.....	266	100.0	67.7	31.6	.5	.2	-	-	-	-
371	Motor vehicles and motor vehicle equipment.....	259	100.0	69.4	30.2	.3	.1	-	-	-	-
38212	Gas, water, and other liquid meters and recording devices.....	3	100.0	.5	96.0	.2	3.1	-	.2	-	-
39	Miscellaneous products of manufacturing.....	52	100.0	4.1	91.0	.1	.6	.5	3.3	.4	-
399	Miscellaneous manufactured products.....	29	100.0	6.1	86.2	.1	1.0	-	5.9	.7	-

¹Code letter indicates a sampling variability range as follows: a, 0-9 percent; b, 10-19 percent; c, 20-29 percent; and d, 30-50 percent. The variability for ton-miles has not been estimated.

TABLE 2. Percent Distribution of Commodities, by Distance of Shipment: 1967

TCC code	Commodity	Number	Percent distribution by distance of shipment								Sampling variability code ¹
			All distances	Under 100 miles	100 to 199 miles	200 to 299 miles	300 to 499 miles	500 to 999 miles	1,000 to 1,499 miles	1,500 miles or over	
	TONS OF SHIPMENTS	(thousands of tons)									
	Production Area 05, total.....	52,660	100.0	50.7	8.4	8.0	5.5	5.7	20.2	1.5	-
20	Food and kindred products.....	5,876	100.0	50.1	22.2	14.0	5.8	5.1	1.6	1.2	b
201	Meat, poultry, and small game; fresh, chilled or frozen.....	377	100.0	40.0	15.4	5.7	26.2	9.8	1.5	1.4	d
202	Dairy products.....	342	100.0	90.7	7.4	1.6	-	.3	-	-	c
203	Canned and preserved fruits, vegetables, and seafoods.....	1,344	100.0	39.5	22.7	25.4	3.9	4.0	4.0	.5	b
2033	Canned fruits and vegetables.....	44	100.0	30.8	24.7	36.9	3.0	2.5	1.7	.4	d
207	Confectionery and related products.....	154	100.0	18.6	7.3	8.7	10.9	32.7	10.3	11.5	d
2071	Confectionery and related products.....	154	100.0	18.6	7.3	8.7	10.9	32.7	10.3	11.5	d
208	Beverages and flavoring extracts.....	2,050	100.0	58.1	31.5	6.1	.9	2.2	.3	.9	a
2087	Miscellaneous flavoring extracts, sirups, and flavoring compounds (except chocolate sirups).....	47	100.0	38.9	10.6	10.4	17.9	14.7	-	7.5	c
20871	Flavoring extracts, emulsions, and flavoring compounds.....	47	100.0	38.9	10.6	10.4	17.9	14.7	-	7.5	c
231	Men's, youths', and boys' clothing.....	45	100.0	37.3	6.9	11.3	8.8	18.6	7.1	10.0	c
2311	Men's, youths', and boys' clothing.....	45	100.0	37.3	6.9	11.3	8.8	18.6	7.1	10.0	c
23111	Men's, youths', and boys' coats, overcoats, and suits.....	45	100.0	37.3	6.9	11.3	8.8	18.6	7.1	10.0	c
251	Household and office furniture.....	168	100.0	45.6	9.7	7.4	11.4	16.1	5.9	3.9	d
26	Pulp, paper, and allied products.....	2,099	100.0	45.1	15.8	10.8	7.2	16.3	2.5	2.3	b
262	Paper (except building paper).....	123	100.0	44.4	10.9	13.7	1.0	17.2	3.3	9.5	d
2621	Paper (except building paper).....	123	100.0	44.4	10.9	13.7	1.0	17.2	3.3	9.5	d
263	Paperboard, fiberboard, and pulpboard (except insulating board).....	778	100.0	52.3	12.0	11.3	3.4	18.1	2.3	.6	d
2631	Paperboard, fiberboard, and pulpboard (except insulating board).....	778	100.0	52.3	12.0	11.3	3.4	18.1	2.3	.6	d
36311	Paperboard, fiberboard, and pulpboard (except insulating board).....	778	100.0	52.3	12.0	11.3	3.4	18.1	2.3	.6	d
264	Converted paper and paperboard products (except containers and boxes).....	527	100.0	31.8	19.5	11.5	14.3	16.1	3.5	3.3	b
265	Containers, boxes and related products, paperboard, fiberboard, and pulpboard.	573	100.0	50.3	18.8	9.3	6.9	11.7	1.3	1.7	d
2651	Container, boxes, baskets, pallets and skids, paperboard, fiberboard, and pulpboard.....	434	100.0	57.0	22.7	7.3	2.7	8.6	1.0	.7	d
26511	Containers and boxes, paperboard, fiberboard, and pulpboard.....	433	100.0	57.0	22.7	7.3	2.7	8.6	1.0	.7	d
28	Chemicals and allied products.....	5,428	100.0	53.1	10.8	9.5	9.5	11.1	3.3	2.7	b
281	Industrial chemicals.....	3,097	100.0	58.6	12.3	7.7	8.6	8.4	3.1	1.3	b
2813	Industrial gases, compressed and liquefied.....	532	100.0	82.4	9.4	5.6	1.3	.2	-	1.1	c
28139	Industrial gases, n.e.c.....	409	100.0	84.0	5.4	7.3	1.7	.2	-	1.4	d
2818	Miscellaneous industrial organic chemicals.....	516	100.0	34.1	14.4	19.1	17.3	12.1	2.7	.3	c
28189	Industrial organic chemicals, n.e.c....	232	100.0	35.2	11.4	14.9	17.3	17.5	3.0	.7	a
2819	Miscellaneous industrial inorganic chemicals.....	627	100.0	73.4	3.5	4.2	1.8	11.8	2.9	2.4	a
28193	Sulphuric acid.....	150	100.0	98.6	-	-	-	1.4	-	-	c

See footnote at end of table.

TABLE 2. Percent Distribution of Commodities, by Distance of Shipment: 1967--Continued

TCC code	Commodity	Number	Percent distribution by distance of shipment								Sampling variability code ¹
			All distances	Under 100 miles	100 to 199 miles	200 to 299 miles	300 to 499 miles	500 to 999 miles	1,000 to 1,499 miles	1,500 miles or over	
	TONS OF SHIPMENTS--Continued	(thousands of tons)									
28194	Inorganic acids and phosphorus compounds (except nitric and sulphuric acid).....	54	100.0	44.9	9.5	1.2	4.2	3.3	10.6	26.3	d
28199	Industrial inorganic chemicals, n.e.c. (including reagent and high purity chemicals).....	101	100.0	34.4	6.6	10.2	5.4	32.4	10.5	.5	c
282	Plastic materials and plasticizers, synthetic resins, rubbers, and fibers.	920	100.0	57.7	8.4	9.3	7.7	12.6	2.7	1.6	a
2821	Plastic materials and plasticizers, synthetic resins, rubbers, and fibers.	920	100.0	57.7	8.4	9.3	7.7	12.6	2.7	1.6	a
28211	Plastic materials and plasticizers, synthetic resins, and nonvulcanizable elastomers.....	848	100.0	59.3	9.1	9.6	7.9	10.0	2.5	1.6	a
283	Drugs (biological products, medicinal chemicals, botanical products, and pharmaceutical preparations).....	110	100.0	22.1	8.0	15.7	8.2	18.1	11.5	16.4	b
2831	Drugs (biological products, medicinal chemicals, botanical products, and pharmaceutical preparations).....	110	100.0	22.1	8.0	15.7	8.2	18.1	11.5	16.4	b
28311	Drugs for human use.....	110	100.0	22.1	8.0	15.7	8.2	18.1	11.5	16.4	b
284	Soap and detergents, cleaning preparations, perfumes, cosmetics, and other toilet preparations.....	596	100.0	33.1	7.7	19.6	11.5	16.5	5.4	6.2	c
2841	Soap and other detergents (except specialty cleansers).....	237	100.0	54.8	14.2	9.2	12.1	9.5	.2	-	d
28419	Soap or detergents, n.e.c. (except synthetic organic detergents and specialty cleansers).....	237	100.0	54.8	14.2	9.2	12.1	9.5	.2	-	d
2842	Specialty cleaning, polishing, and sanitation preparations (except soap and detergents).....	272	100.0	18.6	3.0	23.8	10.6	23.8	9.7	10.5	c
28423	Waxes and polishing preparations and related products.....	148	100.0	22.8	.9	20.2	14.9	26.5	11.8	2.9	c
2843	Surface active agents, finishing agents, sulfonated oils and assistants	65	100.0	16.2	3.4	44.9	13.1	12.2	1.4	8.8	d
28431	Surface active agents, finishing agents, sulfonated oils and assistants	65	100.0	16.2	3.4	44.9	13.1	12.2	1.4	8.8	d
285	Paints, varnishes, lacquers, enamels, and allied products.....	133	100.0	37.5	17.9	13.1	17.3	12.5	1.3	.4	b
2851	Paints, varnishes, lacquers, enamels, and allied products.....	133	100.0	37.5	17.9	13.1	17.3	12.5	1.3	.4	b
28511	Paints, varnishes, lacquers, enamels, and shellacs.....	112	100.0	38.8	20.0	12.6	15.0	12.5	.9	.2	b
28519	Paints, varnishes, lacquers, shellacs, enamels, and allied products, n.e.c. (including mixed shipments).....	15	100.0	30.5	2.0	17.7	30.9	13.5	3.6	1.8	d
287	Agricultural chemicals.....	66	100.0	58.7	1.0	4.7	8.8	19.1	2.0	5.7	d
2879	Agricultural chemicals, n.e.c., and rodenticides, insecticides, fungicides, herbicides, plant hormones, and pesticides.....	66	100.0	58.7	1.0	4.7	8.8	19.1	2.0	5.7	d
28799	Agricultural chemicals, n.e.c., and rodenticides, insecticides, fungicides, herbicides, plant hormones, and pesticides.....	66	100.0	58.7	1.0	4.7	8.8	19.1	2.0	5.7	d
289	Miscellaneous chemical products.....	505	100.0	43.3	10.0	7.6	14.8	15.5	1.9	6.9	c
2899	Chemical products, n.e.c.....	387	100.0	46.2	9.9	6.5	15.9	12.6	2.3	6.6	c

See footnote at end of table.

TABLE 2. Percent Distribution of Commodities, by Distance of Shipment: 1967--Continued

TCC code	Commodity	Number	Percent distribution by distance of shipment								Sampling variability code ¹
			All distances	Under 100 miles	100 to 199 miles	200 to 299 miles	300 to 499 miles	500 to 999 miles	1,000 to 1,499 miles	1,500 miles or over	
	TONS OF SHIPMENTS--Continued	(thousands of tons)									
28998	Packaged chemical compounds.....	16	100.0	25.8	32.3	7.2	16.6	14.4	1.2	2.5	c
28999	Chemical products, n.e.c.....	314	100.0	51.3	8.6	5.5	15.6	11.4	1.7	5.9	c
29	Petroleum and coal products.....	26,997	100.0	53.2	2.8	4.3	2.4	.4	36.8	.1	d
291	Products of petroleum refining.....	25,793	100.0	53.5	1.0	4.3	2.4	.3	38.5	-	d
2911	Products of petroleum refining (except liquefied petroleum gases and petroleum coke and breeze).....	25,515	100.0	53.6	.8	4.3	2.1	.3	38.9	-	d
29111	Gasoline, jet fuels, and other high volatile petroleum fuels (except natural gasoline).....	2,126	100.0	70.7	.8	28.5	-	-	-	-	d
299	Miscellaneous petroleum and coal products.....	761	100.0	26.7	60.9	.5	3.2	4.5	1.1	3.1	d
2991	Miscellaneous petroleum and coal products.....	761	100.0	26.7	60.9	.5	3.2	4.5	1.1	3.1	d
30	Rubber and miscellaneous plastics products.....	684	100.0	35.7	7.5	5.7	10.1	29.7	6.9	4.4	b
301	Tires and inner tubes.....	170	100.0	56.9	9.1	5.3	7.2	13.7	6.2	1.6	b
3011	Tires and inner tubes.....	170	100.0	56.9	9.1	5.3	7.2	13.7	6.2	1.6	b
306	Miscellaneous fabricated rubber products.....	260	100.0	22.3	3.9	4.6	7.4	46.0	10.0	5.8	d
3061	Miscellaneous fabricated rubber products.....	260	100.0	22.3	3.9	4.6	7.4	46.0	10.0	5.8	d
307	Miscellaneous plastic products.....	255	100.0	35.3	10.1	7.0	14.8	23.7	4.2	4.9	c
3071	Miscellaneous plastic products.....	255	100.0	35.3	10.1	7.0	14.8	23.7	4.2	4.9	c
30714	Unsupported vinyl and polyethylene film and sheeting.....	69	100.0	22.8	20.5	5.6	8.5	27.7	5.6	9.3	c
32	Stone, clay, and glass products.....	2,101	100.0	52.3	17.9	14.2	7.3	5.5	1.5	1.3	c
322	Glass and glassware, pressed and blown.....	399	100.0	55.4	25.0	13.5	4.1	2.0	-	-	c
3221	Glass containers, caps and covers.....	397	100.0	55.2	25.1	13.6	4.1	2.0	-	-	c
325	Structural clay products.....	739	100.0	38.6	15.7	23.0	12.6	7.4	1.6	1.1	d
329	Abrasives, asbestos, and miscellaneous nonmetallic mineral products.....	342	100.0	32.7	16.1	13.6	12.0	14.5	5.5	5.6	b
3291	Abrasive products.....	23	100.0	14.2	3.2	6.0	7.9	30.5	29.1	9.1	c
32912	Nonmetallic bonded abrasive products...	18	100.0	15.5	3.8	7.5	10.0	18.2	37.3	7.7	d
3292	Asbestos products.....	87	100.0	27.2	19.7	11.8	6.4	16.3	7.6	11.0	b
33	Primary metal products.....	3,568	100.0	43.6	11.0	18.3	11.0	9.0	2.6	4.5	a
331	Steel works and rolling mill products..	2,919	100.0	43.7	9.4	18.6	11.6	9.0	2.5	5.2	a
3312	Primary iron and steel products (except coke-oven products).....	2,719	100.0	45.3	9.8	19.3	10.1	8.3	2.3	4.9	a
33122	Plates, iron and steel.....	860	100.0	37.3	10.0	24.8	12.8	7.0	4.8	3.3	a
33123	Sheet and strip, iron and steel (except tin mill products).....	1,265	100.0	51.0	9.5	18.9	7.8	10.6	.4	1.8	c
332	Iron and steel castings.....	339	100.0	46.6	24.2	18.2	7.7	.9	2.2	.2	c
3321	Iron and steel castings.....	339	100.0	46.6	24.2	18.2	7.7	.9	2.2	.2	c
333	Nonferrous metals primary smelter products (slab, ingot, pig, etc., and residues).....	73	100.0	57.0	13.0	17.8	3.3	8.9	-	-	d
335	Nonferrous metal basic shapes.....	160	100.0	41.8	11.1	13.7	11.0	17.4	1.5	3.5	d
336	Nonferrous and nonferrous base alloy castings.....	26	100.0	32.4	30.4	14.5	7.4	13.3	1.9	.1	c
339	Miscellaneous primary metal products...	52	100.0	16.7	2.1	16.7	8.8	33.4	19.0	3.3	c
3391	Iron and steel forgings.....	50	100.0	16.9	1.6	15.3	9.0	34.2	19.6	3.4	c
33911	Iron and steel forgings.....	50	100.0	16.9	1.6	15.3	9.0	34.2	19.6	3.4	c

See footnote at end of table.

TABLE 2. Percent Distribution of Commodities, by Distance of Shipment: 1967--Continued

TCC code	Commodity	Number	Percent distribution by distance of shipment								Sampling variability code ¹
			All distances	Under 100 miles	100 to 199 miles	200 to 299 miles	300 to 499 miles	500 to 999 miles	1,000 to 1,499 miles	1,500 miles or over	
	TONS OF SHIPMENTS--Continued	(thousands of tons)									
34	Fabricated metal products.....	1,314	100.0	44.2	11.3	8.9	14.3	14.3	4.1	2.9	b
341	Metal cans.....	104	100.0	37.1	6.4	18.8	2.4	19.4	10.6	5.3	a
3411	Metal cans.....	104	100.0	37.1	6.4	18.8	2.4	19.4	10.6	5.3	a
34111	Metal cans.....	104	100.0	37.1	6.4	18.8	2.4	19.4	10.6	5.3	a
344	Structural and miscellaneous metal products.....	697	100.0	63.9	14.4	6.9	3.0	9.6	1.6	.6	d
3441	Structural metal products.....	602	100.0	64.8	14.8	7.3	2.7	9.7	.7	-	d
3443	Fabricated plate products (boiler shop products).....	25	100.0	28.9	.5	3.8	4.6	28.6	23.7	9.9	d
345	Bolts, nuts, screws, rivets, washers, and other industrial fasteners.....	26	100.0	17.3	5.1	7.3	29.6	34.1	1.5	5.1	c
3452	Bolts, nuts, screws, rivets, washers, and other industrial fasteners.....	26	100.0	17.3	5.1	7.3	29.6	34.1	1.5	5.1	c
346	Metal stampings.....	321	100.0	14.4	5.2	10.1	41.8	14.8	7.7	6.0	a
3461	Metal stampings.....	321	100.0	14.4	5.2	10.1	41.8	14.8	7.7	6.0	a
348	Miscellaneous fabricated wire products.	53	100.0	36.5	35.7	11.9	14.1	1.5	.2	.1	d
3481	Miscellaneous fabricated wire products.	53	100.0	36.5	35.7	11.9	14.1	1.5	.2	.1	d
349	Miscellaneous fabricated metal products	13	100.0	52.4	3.2	9.0	9.3	10.0	12.4	3.5	d
3499	Fabricated metal products, n.e.c.....	5	100.0	61.0	4.3	3.2	17.5	9.1	.5	4.4	d
34999	Fabricated metal products, n.e.c.....	4	100.0	70.2	3.7	.1	15.4	9.7	.6	.3	d
35	Machinery, except electrical.....	266	100.0	20.2	5.1	16.3	11.4	29.0	10.1	7.9	b
353	Construction, mining, and materials handling machinery and equipment.....	76	100.0	12.6	4.6	21.8	6.0	46.7	5.9	2.4	d
3544	Special dies and tools, die sets, jigs, fixtures, and industrial molds and patterns.....	1	100.0	3.7	.6	3.3	39.0	53.4	-	-	d
35441	Special dies and tools, die sets, jigs, and fixtures.....	1	100.0	3.7	.6	3.3	39.0	53.4	-	-	d
355	Special industry machinery (except metalworking machinery).....	50	100.0	14.1	5.9	14.8	11.3	26.4	7.3	20.2	d
356	General industrial machinery and equipment.....	45	100.0	31.6	8.5	10.5	16.1	25.3	3.6	4.4	d
36	Electrical machinery and equipment.....	475	100.0	25.8	11.1	14.0	13.0	21.1	6.6	8.4	c
364	Electric lighting and wiring equipment.	159	100.0	35.4	8.8	18.3	11.1	15.6	3.1	7.7	d
3642	Lighting fixtures.....	151	100.0	36.6	7.1	18.4	11.4	15.4	3.2	7.9	d
36421	Electric fixtures, residential, commercial, institutional, and industrial types.....	126	100.0	26.0	7.7	22.2	13.6	18.2	3.0	9.3	d
367	Electronic components or accessories...	11	100.0	52.6	17.7	2.7	1.2	18.8	.4	6.6	d
3679	Miscellaneous electronic components and accessories.....	4	100.0	25.5	1.8	7.7	3.5	49.2	1.2	11.1	d
36791	Miscellaneous electronic components and accessories.....	4	100.0	25.5	1.8	7.7	3.5	49.2	1.2	11.1	d
37	Transportation equipment.....	860	100.0	25.2	21.9	13.6	21.3	15.5	1.4	1.1	a
371	Motor vehicles and motor vehicle equipment.....	835	100.0	24.1	22.1	14.0	21.9	15.4	1.4	1.1	a
38212	Gas, water, and other liquid meters and recording devices.....	4	100.0	19.5	5.2	4.4	19.0	24.9	16.6	10.4	d
39	Miscellaneous products of manufacturing	73	100.0	15.8	4.2	17.8	12.4	23.7	16.6	9.5	d
399	Miscellaneous manufactured products....	48	100.0	15.7	3.7	21.8	14.9	24.1	16.0	3.8	d

See footnote at end of table.

TABLE 2. Percent Distribution of Commodities, by Distance of Shipment: 1967--Continued

TCC code	Commodity	Number	Percent distribution by distance of shipment								Sampling variability code ¹
			All distances	Under 100 miles	100 to 199 miles	200 to 299 miles	300 to 499 miles	500 to 999 miles	1,000 to 1,499 miles	1,500 miles or over	
	TON-MILES OF SHIPMENTS	(millions of ton-miles)									
	Production Area 05, total.....	20,856	100.0	4.4	2.8	4.9	5.5	10.1	63.4	8.9	-
20	Food and kindred products.....	1,178	100.0	15.8	14.3	17.7	11.0	17.1	9.6	14.5	-
201	Meat, poultry, and small game; fresh, chilled or frozen.....	100	100.0	8.7	7.4	5.4	35.5	24.5	6.6	11.9	-
202	Dairy products.....	18	100.0	72.3	16.2	6.5	-	5.0	-	-	-
203	Canned and preserved fruits, vegetables, and seafoods.....	305	100.0	12.3	13.2	29.8	7.0	11.4	20.8	5.5	-
2033	Canned fruits and vegetables.....	90	100.0	10.1	15.8	47.8	5.7	8.3	8.5	3.8	-
207	Confectionery and related products.....	110	100.0	1.7	1.4	3.0	6.5	29.8	18.2	39.4	-
2071	Confectionery and related products.....	110	100.0	1.7	1.4	3.0	6.5	29.8	18.2	39.4	-
208	Beverages and flavoring extracts.....	278	100.0	28.0	28.9	11.2	2.8	11.1	2.7	15.3	-
2087	Miscellaneous flavoring extracts, sirups, and flavoring compounds (except chocolate sirups).....	20	100.0	4.6	3.0	6.2	17.8	26.3	.1	42.0	-
20871	Flavoring extracts, emulsions, and flavoring compounds.....	20	100.0	4.6	3.0	6.2	17.8	26.3	.1	42.0	-
231	Men's, youths', and boys' clothing.....	24	100.0	3.5	1.7	5.3	6.8	24.3	15.9	42.5	-
2311	Men's, youths', and boys' clothing.....	24	100.0	3.5	1.7	5.3	6.8	24.3	15.9	42.5	-
23111	Men's, youths', and boys' coats, overcoats, and suits.....	24	100.0	3.5	1.7	5.3	6.8	24.3	15.9	42.5	-
251	Household and office furniture.....	60	100.0	5.6	3.1	5.3	13.3	30.3	18.5	23.9	-
26	Pulp, paper, and allied products.....	645	100.0	8.8	6.6	8.9	9.0	39.6	9.1	18.0	-
262	Paper (except building paper).....	59	100.0	6.2	3.2	7.6	.8	24.3	8.3	49.6	-
2621	Paper (except building paper).....	59	100.0	6.2	3.2	7.6	.8	24.3	8.3	49.6	-
263	Paperboard, fiberboard, and pulpboard (except insulating board).....	214	100.0	11.1	5.5	10.4	4.8	53.4	9.1	5.7	-
2631	Paperboard, fiberboard, and pulpboard (except insulating board).....	214	100.0	11.1	5.5	10.4	4.8	53.4	9.1	5.7	-
26311	Paperboard, fiberboard, and pulpboard (except insulating board).....	214	100.0	11.1	5.5	10.4	4.8	53.4	9.1	5.7	-
264	Converted paper and paperboard products (except containers and boxes).....	190	100.0	6.1	7.0	8.2	15.0	32.2	11.1	20.4	-
265	Containers, boxes and related products, paperboard, fiberboard, and pulpboard.	138	100.0	11.9	9.7	9.4	11.4	34.4	6.8	16.4	-
2651	Container, boxes, baskets, pallets and skids, paperboard, fiberboard, and pulpboard.....	81	100.0	17.9	15.2	9.5	6.2	35.6	6.7	8.9	-
26511	Containers and boxes, paperboard, fiberboard, and pulpboard.....	81	100.0	17.9	15.2	9.6	6.2	35.5	6.7	8.9	-
28	Chemicals and allied products.....	1,532	100.0	8.7	5.1	8.5	12.9	27.5	13.7	23.6	-
281	Industrial chemicals.....	678	100.0	12.9	7.3	8.9	14.5	26.5	16.3	13.6	-
2813	Industrial gases, compressed and liquefied.....	52	100.0	46.0	15.3	13.0	5.9	1.1	.1	18.6	-
28139	Industrial gases, n.e.c.....	40	100.0	42.7	7.8	16.6	7.5	1.5	.1	23.8	-
2818	Miscellaneous industrial organic chemicals.....	139	100.0	7.9	7.3	17.7	22.9	30.3	11.1	2.8	-
28189	Industrial organic chemicals, n.e.c....	72	100.0	6.7	5.0	12.1	20.8	38.3	11.7	5.4	-
2819	Miscellaneous industrial inorganic chemicals.....	135	100.0	13.4	1.9	5.5	3.3	33.9	15.9	26.1	-
28193	Sulphuric acid.....	8	100.0	78.3	-	.2	-	21.5	-	-	-

See footnote at end of table.

TABLE 2. Percent Distribution of Commodities, by Distance of Shipment: 1967--Continued

TCC code	Commodity	Number	Percent distribution by distance of shipment								Sampling variability code ¹
			All distances	Under 100 miles	100 to 199 miles	200 to 299 miles	300 to 499 miles	500 to 999 miles	1,000 to 1,499 miles	1,500 miles or over	
	TON-MILES OF SHIPMENT--Continued	(millions of ton-miles)									
28194	Inorganic acids and phosphorus compounds (except nitric and sulphuric acid).....	45	100.0	3.5	1.5	0.3	2.0	2.6	15.2	74.9	-
28199	Industrial inorganic chemicals, n.e.c. (including reagent and high purity chemicals).....	41	100.0	3.1	1.9	6.6	5.5	50.0	30.2	2.7	-
282	Plastic materials and plasticizers, synthetic resins, rubbers, and fibers.	220	100.0	8.3	4.9	10.3	12.8	36.4	12.9	14.4	-
2821	Plastic materials and plasticizers, synthetic resins, rubbers, and fibers.	220	100.0	8.3	4.9	10.3	12.8	36.4	12.9	14.4	-
28211	Plastic materials and plasticizers, synthetic resins, and nonvulcanizable elastomers.....	188	100.0	8.7	5.7	11.4	14.1	31.5	12.9	15.7	-
283	Drugs (biological products, medicinal chemicals, botanical products, and pharmaceutical preparations).....	83	100.0	1.9	1.4	5.3	4.2	17.5	19.0	50.7	-
2831	Drugs (biological products, medicinal chemicals, botanical products, and pharmaceutical preparations).....	83	100.0	1.9	1.4	5.3	4.2	17.5	19.0	50.7	-
28311	Drugs for human use.....	83	100.0	1.9	1.4	5.3	4.2	17.5	19.0	50.7	-
284	Soap and detergents, cleaning preparations, perfumes, cosmetics, and other toilet preparations.....	287	100.0	4.2	2.4	9.8	9.4	25.2	13.6	35.4	-
2841	Soap and other detergents (except specialty cleansers).....	46	100.0	15.6	11.8	12.2	25.7	33.2	1.1	.4	-
28419	Soap or detergents, n.e.c. (except synthetic organic detergents and specialty cleansers).....	46	100.0	15.6	11.8	12.2	25.7	33.2	1.1	.4	-
2842	Specialty cleaning, polishing, and sanitation preparations (except soap and detergents).....	182	100.0	2.1	.6	8.6	6.1	26.9	18.0	37.7	-
28423	Waxes and polishing preparations and related products.....	77	100.0	3.5	.2	10.2	10.9	34.2	27.8	13.2	-
2843	Surface active agents, finishing agents, sulfonated oils and assistants	46	100.0	1.6	.6	14.4	7.1	13.5	2.0	60.8	-
28431	Surface active agents, finishing agents, sulfonated oils and assistants	46	100.0	1.6	.6	14.4	7.1	13.5	2.0	60.8	-
285	Paints, varnishes, lacquers, enamels, and allied products.....	35	100.0	8.2	9.2	11.9	25.0	36.3	5.9	3.5	-
2851	Paints, varnishes, lacquers, enamels, and allied products.....	35	100.0	8.2	9.2	11.9	25.0	36.3	5.9	3.5	-
28511	Paints, varnishes, lacquers, enamels, and shellacs.....	28	100.0	9.2	11.1	12.0	22.2	39.4	4.4	1.7	-
28519	Paints, varnishes, lacquers, shellacs, enamels, and allied products, n.e.c. (including mixed shipments).....	6	100.0	5.0	.9	12.5	35.9	23.6	2.3	9.8	-
287	Agricultural chemicals.....	26	100.0	9.1	.4	3.0	9.9	36.5	5.8	35.3	-
2879	Agricultural chemicals, n.e.c., and rodenticides, insecticides, fungicides, herbicides, plant hormones, and pesticides.....	26	100.0	9.1	.4	3.0	9.9	36.5	5.8	35.3	-
28799	Agricultural chemicals, n.e.c., and rodenticides, insecticides, fungicides, herbicides, plant hormones, and pesticides.....	26	100.0	9.1	.4	3.0	9.9	36.5	5.8	35.3	-
289	Miscellaneous chemical products.....	202	100.0	4.6	3.3	4.8	14.3	25.7	6.0	41.3	-
2899	Chemical products, n.e.c.....	147	100.0	4.6	3.4	4.5	16.1	22.0	7.6	41.8	-

See footnote at end of table.

TABLE 2. Percent Distribution of Commodities, by Distance of Shipment: 1967--Continued

TCC code	Commodity	Number	Percent distribution by distance of shipment								Sampling variability code ¹
			All distances	Under 100 miles	100 to 199 miles	200 to 299 miles	300 to 499 miles	500 to 999 miles	1,000 to 1,499 miles	1,500 miles or over	
	TON-MILES OF SHIPMENTS--Continued	(millions of ton-miles)									
28998	Packaged chemical compounds.....	5	100.0	4.6	16.0	5.3	21.6	27.6	4.6	20.3	-
28999	Chemical products, n.e.c.....	107	100.0	5.5	3.1	4.3	17.4	22.3	6.7	40.7	-
29	Petroleum and coal products.....	13,428	100.0	2.1	.7	1.9	1.9	.6	92.4	.4	-
291	Products of petroleum refining.....	13,246	100.0	2.0	.2	1.9	1.9	.4	93.6	-	-
2911	Products of petroleum refining (except liquefied petroleum gases and petroleum coke and breeze).....	13,191	100.0	2.0	.2	1.8	1.6	.4	94.0	-	-
29111	Gasoline, jet fuels, and other high volatile petroleum fuels (except natural gasoline).....	164	100.0	21.7	1.4	76.9	-	-	-	-	-
299	Miscellaneous petroleum and coal products.....	162	100.0	4.4	32.8	.6	6.4	13.5	6.1	36.2	-
2991	Miscellaneous petroleum and coal products.....	162	100.0	4.4	32.8	.6	6.4	13.5	6.1	36.2	-
30	Rubber and miscellaneous plastics products.....	323	100.0	4.3	2.2	3.1	8.7	42.9	17.1	21.7	-
301	Tires and inner tubes.....	49	100.0	12.1	4.9	4.9	9.8	33.3	23.0	12.0	-
3011	Tires and inner tubes.....	49	100.0	12.1	4.9	4.9	9.8	33.3	23.0	12.0	-
306	Miscellaneous fabricated rubber products.....	163	100.0	1.9	.8	1.8	4.8	50.3	18.9	21.5	-
3061	Miscellaneous fabricated rubber products.....	163	100.0	1.9	.8	1.8	4.8	50.3	18.9	21.5	-
307	Miscellaneous plastic products.....	111	100.0	4.4	3.1	4.1	14.0	36.3	11.8	26.3	-
3071	Miscellaneous plastic products.....	111	100.0	4.4	3.1	4.1	14.0	36.3	11.8	26.3	-
30714	Unsupported vinyl and polyethylene film and sheeting.....	39	100.0	2.8	4.8	2.6	5.7	33.0	12.5	38.6	-
32	Stone, clay, and glass products.....	423	100.0	13.4	11.9	17.9	14.6	19.1	8.3	14.8	-
322	Glass and glassware, pressed and blown.....	51	100.0	25.4	24.6	26.7	12.2	10.7	.1	.3	-
3221	Glass containers, caps and covers.....	51	100.0	25.4	24.8	26.9	12.2	10.7	-	-	-
325	Structural clay products.....	184	100.0	7.2	9.3	23.8	21.2	21.1	6.8	10.6	-
329	Abrasives, asbestos, and miscellaneous nonmetallic mineral products.....	139	100.0	5.0	5.3	8.3	11.4	24.8	15.9	29.3	-
3291	Abrasive products.....	19	100.0	1.0	.5	1.8	3.7	26.8	41.1	25.1	-
32912	Nonmetallic bonded abrasive products...	15	100.0	1.1	.6	2.3	4.9	15.9	54.0	21.2	-
3292	Asbestos products.....	48	100.0	2.6	5.4	5.5	4.8	20.4	16.8	44.5	-
33	Primary metal products.....	1,180	100.0	6.6	4.7	13.6	12.7	18.4	9.4	34.6	-
331	Steel works and rolling mill products..	1,019	100.0	6.1	4.0	13.1	12.8	17.4	8.4	38.2	-
3312	Primary iron and steel products (except coke-oven products).....	907	100.0	6.7	4.4	14.2	11.5	16.9	8.1	38.2	-
33122	Plates, iron and steel.....	282	100.0	6.2	4.7	18.6	14.7	15.0	17.2	23.6	-
33123	Sheet and strip, iron and steel (except tin mill products).....	292	100.0	10.4	6.1	20.0	12.7	31.0	1.7	18.1	-
332	Iron and steel castings.....	57	100.0	16.3	18.0	26.7	17.0	4.0	15.7	2.3	-
3321	Iron and steel castings.....	57	100.0	16.3	18.0	26.7	17.0	4.0	15.7	2.3	-
333	Nonferrous metals primary smelter products (slab, ingot, pig, etc., and residues).....	12	100.0	17.0	12.1	27.0	7.4	36.5	-	-	-
335	Nonferrous metal basic shapes.....	53	100.0	7.0	4.1	10.4	12.6	35.8	5.3	24.8	-
336	Nonferrous and nonferrous base alloy castings.....	6	100.0	8.8	17.8	14.4	10.7	37.6	9.9	.8	-
339	Miscellaneous primary metal products...	34	100.0	1.1	.5	6.8	6.4	35.1	38.1	12.0	-
3391	Iron and steel forgings.....	33	100.0	1.1	.3	6.1	6.5	35.4	38.4	12.2	-
33911	Iron and steel forgings.....	33	100.0	1.1	.3	6.1	6.5	35.4	38.4	12.2	-

See footnote at end of table.

TABLE 2. Percent Distribution of Commodities, by Distance of Shipment: 1967--Continued

TCC code	Commodity	Number	Percent distribution by distance of shipment								Sampling vari- ability code ¹
			All dis- tances	Under 100 miles	100 to 199 miles	200 to 299 miles	300 to 499 miles	500 to 999 miles	1,000 to 1,499 miles	1,500 miles or over	
	TON-MILES OF SHIPMENTS--Continued	(millions of ton-miles)									
34	Fabricated metal products.....	443	100.0	5.4	4.7	6.6	17.7	30.3	13.8	21.5	-
341	Metal cans.....	55	100.0	3.8	1.7	9.0	1.7	27.9	22.6	33.3	-
3411	Metal cans.....	55	100.0	3.8	1.7	9.0	1.7	27.9	22.6	33.3	-
34111	Metal cans.....	55	100.0	3.8	1.7	9.0	1.7	27.9	22.6	33.3	-
344	Structural and miscellaneous metal products.....	130	100.0	12.3	11.4	9.1	6.7	42.8	10.1	7.6	-
3441	Structural metal products.....	99	100.0	13.8	13.5	10.9	6.8	50.1	4.9	-	-
3443	Fabricated plate products (boiler shop products).....	19	100.0	1.6	.1	1.2	2.6	27.1	37.1	30.3	-
345	Bolts, nuts, screws, rivets, washers, and other industrial fasteners.....	14	100.0	2.0	1.6	3.7	23.0	44.6	3.1	22.0	-
3452	Bolts, nuts, screws, rivets, washers, and other industrial fasteners.....	14	100.0	2.0	1.6	3.7	23.0	44.6	3.1	22.0	-
346	Metal stampings.....	177	100.0	1.6	1.0	4.6	32.4	18.6	15.0	26.8	-
3461	Metal stampings.....	177	100.0	1.6	1.0	4.6	32.4	18.6	15.0	26.8	-
348	Miscellaneous fabricated wire products.	9	100.0	12.4	30.3	17.7	30.9	5.7	1.4	1.6	-
3481	Miscellaneous fabricated wire products.	9	100.0	12.4	30.3	17.7	30.9	5.7	1.4	1.6	-
349	Miscellaneous fabricated metal products	5	100.0	5.4	1.2	5.9	9.6	17.7	40.7	19.5	-
3499	Fabricated metal products, n.e.c.....	1	100.0	8.6	1.9	3.2	25.2	21.2	2.6	37.3	-
34999	Fabricated metal products, n.e.c.....	1	100.0	14.9	2.8	.1	37.1	36.4	4.7	4.0	-
35	Machinery, except electrical.....	160	100.0	1.4	1.2	7.1	7.5	34.3	20.5	28.0	-
353	Construction, mining, and materials handling machinery and equipment.....	42	100.0	1.3	1.1	10.9	4.4	59.4	13.1	9.8	-
3544	Special dies and tools, die sets, jigs, fixtures, and industrial molds and patterns.....	1	100.0	.5	.2	1.9	27.2	70.1	-	.1	-
35441	Special dies and tools, die sets, jigs, and fixtures.....	1	100.0	.5	.2	1.9	27.2	70.1	-	.1	-
355	Special industry machinery (except metalworking machinery).....	40	100.0	.8	.9	5.3	5.7	21.4	10.3	55.6	-
356	General industrial machinery and equipment.....	21	100.0	3.2	2.6	6.0	14.0	42.2	9.7	22.3	-
36	Electrical machinery and equipment.....	253	100.0	2.6	2.9	6.6	9.5	28.1	14.3	36.0	-
364	Electric lighting and wiring equipment.	70	100.0	3.9	2.7	10.6	9.7	25.5	7.9	39.7	-
3642	Lighting fixtures.....	68	100.0	4.0	2.3	10.6	9.9	25.0	8.1	40.1	-
36421	Electric fixtures, residential, com- mercial, institutional, and industrial types.....	65	100.0	3.0	2.2	11.0	10.3	25.6	6.7	41.2	-
367	Electronic components or accessories...	4	100.0	5.7	6.1	1.7	1.4	34.9	1.3	48.9	-
3679	Miscellaneous electronic components and accessories.....	3	100.0	2.4	.3	2.4	1.9	45.5	1.8	45.7	-
36791	Miscellaneous electronic components and accessories.....	3	100.0	2.4	.3	2.4	1.9	45.5	1.8	45.7	-
37	Transportation equipment.....	266	100.0	4.7	9.1	11.1	27.5	33.5	5.7	8.4	-
371	Motor vehicles and motor vehicle equipment.....	259	100.0	4.6	9.1	11.1	28.2	33.3	5.8	7.7	-
38212	Gas, water, and other liquid meters and recording devices.....	3	100.0	1.3	1.0	1.6	10.8	24.2	27.1	34.0	-
39	Miscellaneous products of manufacturing	52	100.0	1.5	.7	6.2	7.1	23.2	29.3	32.0	-
399	Miscellaneous manufactured products....	29	100.0	1.8	.8	9.0	10.3	28.4	34.3	15.4	-

¹Code letter indicates a sampling variability range as follows: a, 0-9 percent; b, 10-19 percent; c, 20-29 percent; and d, 30-50 percent. The variability for ton-miles has not been estimated.

TABLE 3. Percent Distribution of Commodities, by Geographic Division of Destination: 1967

TCC code	Commodity	Number	Percent distribution by geographic division ¹ of destination										Sampling variability code ³
			All means of transport	New England	Middle Atlantic	East North Central	West North Central	South Atlantic	East South Central	West South Central	Mountain	Pacific ²	
	TONS OF SHIPMENTS	(thous. of tons)											
	Production Area 05, total.....	52,660	100.0	4.1	54.9	6.0	0.7	11.6	1.3	19.9	0.2	1.3	-
20	Food and kindred products.....	5,876	100.0	9.8	61.1	5.5	.7	20.2	.3	1.2	.1	1.1	b
26	Pulp, paper, and allied products.....	2,099	100.0	5.6	55.6	9.0	1.5	20.6	3.6	1.8	.2	2.1	b
28	Chemicals and allied products.....	5,428	100.0	6.8	59.7	10.4	1.7	14.2	2.3	2.3	.3	2.3	b
29	Petroleum and coal products.....	26,997	100.0	.7	52.8	2.2	-	7.4	-	36.8	-	.1	d
30	Rubber and miscellaneous plastics products.....	684	100.0	4.4	39.2	21.0	3.8	20.6	2.5	4.2	.3	4.0	b
32	Stone, clay, and glass products.....	2,101	100.0	9.3	61.1	6.9	.8	17.8	1.8	1.2	.1	1.0	c
33	Primary metal products.....	3,568	100.0	10.0	58.3	12.9	.6	7.6	3.9	2.3	.2	4.2	a
34	Fabricated metal products.....	1,314	100.0	7.8	47.2	16.9	3.1	13.5	5.9	2.9	.2	2.5	b
35	Machinery, except electrical.....	266	100.0	7.7	32.4	20.2	4.7	12.1	6.7	9.7	1.7	4.8	b
36	Electrical machinery and equipment.....	475	100.0	9.1	36.2	24.7	3.3	11.8	3.4	3.5	2.1	5.9	c
37	Transportation equipment.....	860	100.0	8.3	38.0	13.1	1.0	33.6	3.4	1.4	.3	.9	a
39	Miscellaneous products of manufacturing	73	100.0	12.6	21.6	18.1	4.8	20.7	1.4	11.7	.6	8.5	d
	TON-MILES OF SHIPMENTS	(millions of ton-miles)											
	Production Area 05, total.....	20,856	100.0	2.6	8.0	7.6	1.7	6.4	2.4	62.6	.8	7.9	-
20	Food and kindred products.....	1,178	100.0	12.4	27.5	14.3	3.5	19.4	1.1	7.6	.5	13.7	-
26	Pulp, paper, and allied products.....	645	100.0	4.6	16.2	15.2	4.4	26.2	8.8	6.8	1.0	16.8	-
28	Chemicals and allied products.....	1,532	100.0	5.8	14.8	19.7	6.0	14.9	5.9	10.0	2.3	20.6	-
29	Petroleum and coal products.....	13,428	100.0	.4	3.6	1.9	-	1.2	-	92.5	-	.4	-
30	Rubber and miscellaneous plastics products.....	323	100.0	2.1	6.5	25.1	7.8	21.4	4.3	11.3	1.2	20.3	-
32	Stone, clay, and glass products.....	423	100.0	10.5	26.4	17.4	3.9	15.9	5.7	7.2	1.1	11.9	-
33	Primary metal products.....	1,180	100.0	6.9	16.7	18.3	1.5	6.3	7.5	8.3	1.2	33.3	-
34	Fabricated metal products.....	443	100.0	4.8	9.0	23.4	8.5	9.7	13.9	10.4	.8	19.5	-
35	Machinery, except electrical.....	160	100.0	3.5	6.6	19.6	7.7	9.5	7.9	21.0	4.7	19.5	-
36	Electrical machinery and equipment.....	253	100.0	4.2	6.7	25.7	6.0	8.2	5.7	8.7	7.4	27.4	-
37	Transportation equipment.....	266	100.0	8.7	15.3	20.3	3.3	31.8	6.6	5.6	1.7	6.7	-
39	Miscellaneous products of manufacturing	52	100.0	4.4	3.9	15.6	7.2	14.6	1.5	21.8	1.6	29.4	-

¹States included in the geographic divisions are as follows: NEW ENGLAND--Maine, New Hampshire, Vermont, Massachusetts, Rhode Island, and Connecticut; MIDDLE ATLANTIC--New York, New Jersey, and Pennsylvania; EAST NORTH CENTRAL--Ohio, Indiana, Illinois, Michigan, and Wisconsin; WEST NORTH CENTRAL--Minnesota, Iowa, Missouri, North Dakota, South Dakota, Nebraska, and Kansas; SOUTH ATLANTIC--Delaware, Maryland, District of Columbia, Virginia, West Virginia, North Carolina, South Carolina, Georgia, and Florida; EAST SOUTH CENTRAL--Kentucky, Tennessee, Alabama, and Mississippi; WEST SOUTH CENTRAL--Arkansas, Louisiana, Oklahoma, and Texas; MOUNTAIN--Montana, Idaho, Wyoming, Colorado, New Mexico, Arizona, Utah, and Nevada; PACIFIC--Washington, Oregon, California, Alaska, and Hawaii.

²Shipments to Alaska and Hawaii from the 48 conterminous States and the District of Columbia are included; no data were obtained for shipments originating in Alaska and Hawaii.

³Code letter indicates a sampling variability range as follows: a, 0-9 percent; b, 10-19 percent; c, 20-29 percent; and d, 30-50 percent. The variability for ton-miles has not been estimated.

TABLE 4. Percent Distribution of Commodities, by Production Area of Destination: 1967

TCC code	Commodity	Number	Percent distribution by production area ¹ of destination							
			Total	1 (BOST)	2 (HART)	3 (NYNY)	4 (N. NJ)	5 ² (PHIL)	6 (BALT)	7 (ALLN)
	TONS OF SHIPMENTS	(thousands of tons)								
	Production Area 05, total.....	52,660	100.0	1.7	1.0	4.6	5.3	35.3	2.0	1.6
20	Food and kindred products.....	5,876	100.0	5.0	1.8	14.4	10.5	12.7	4.9	2.7
201	Meat, poultry, and small game; fresh, chilled or frozen.....	377	100.0	-	.3	8.3	6.9	12.8	2.3	3.8
202	Dairy products.....	342	100.0	-	-	-	4.9	50.7	4.5	8.2
203	Canned and preserved fruits, vegetables, and seafoods.....	1,344	100.0	15.8	3.3	13.5	15.6	7.5	5.6	1.0
2033	Canned fruits and vegetables.....	444	100.0	24.9	2.7	10.8	14.8	7.0	4.9	.5
207	Confectionery and related products.....	154	100.0	2.3	1.6	5.2	8.6	2.0	1.3	.4
2071	Confectionery and related products.....	154	100.0	2.3	1.6	5.2	8.6	2.0	1.3	.4
208	Beverages and flavoring extracts.....	2,050	100.0	.7	1.7	22.9	7.6	13.3	7.1	2.8
2087	Miscellaneous flavoring extracts, sirups, and flavoring compounds (except chocolate sirups).....	47	100.0	.1	-	4.4	2.6	20.5	3.3	.5
20871	Flavoring extracts, emulsions, and flavoring compounds.....	47	100.0	.1	-	4.4	2.6	20.5	3.3	.5
231	Men's, youths', and boys' clothing.....	45	100.0	2.9	1.0	6.5	1.6	23.3	3.1	.5
2311	Men's, youths', and boys' clothing.....	45	100.0	2.9	1.0	6.5	1.6	23.3	3.1	.5
23111	Men's, youths', and boys' coats, overcoats, and suits.....	45	100.0	2.9	1.0	6.5	1.6	23.3	3.1	.5
251	Household and office furniture.....	168	100.0	1.4	.4	9.9	10.0	26.6	1.6	.7
26	Pulp, paper, and allied products.....	2,099	100.0	2.7	.8	13.3	9.3	13.4	3.9	4.3
262	Paper (except building paper).....	123	100.0	1.4	2.1	23.1	5.0	6.4	2.3	.4
2621	Paper (except building paper).....	123	100.0	1.4	2.1	23.1	5.0	6.4	2.3	.4
263	Paperboard, fiberboard, and pulpboard (except insulating board).....	778	100.0	4.1	.8	14.8	10.7	17.0	4.3	8.2
2631	Paperboard, fiberboard, and pulpboard (except insulating board).....	778	100.0	4.1	.8	14.8	10.7	17.0	4.3	8.2
26311	Paperboard, fiberboard, and pulpboard (except insulating board).....	778	100.0	4.1	.8	14.8	10.7	17.0	4.3	8.2
264	Converted paper and paperboard products (except containers and boxes).....	527	100.0	1.6	.3	10.6	9.6	6.1	5.6	1.3
265	Containers, boxes and related products, paperboard, fiberboard, and pulpboard.....	573	100.0	2.0	.7	13.1	8.2	17.0	2.9	3.1
2651	Containers, boxes, baskets, pallets and skids, paperboard, fiberboard, and pulpboard.....	434	100.0	1.5	.1	14.9	10.1	17.5	3.2	3.6
26511	Containers and boxes, paperboard, fiberboard, and pulpboard.....	433	100.0	1.5	.1	14.9	10.1	17.5	3.2	3.6
28	Chemicals and allied products.....	5,428	100.0	3.1	1.6	5.9	16.8	25.7	2.6	1.7
281	Industrial chemicals.....	3,097	100.0	2.7	1.5	5.9	20.4	27.3	2.6	2.1
2813	Industrial gases, compressed and liquefied.....	532	100.0	.1	4.6	1.4	34.2	29.1	1.9	5.4
28139	Industrial gases, n.e.c.....	409	100.0	.1	3.0	1.8	32.9	31.6	2.0	6.8
2818	Miscellaneous industrial organic chemicals.....	516	100.0	7.3	2.7	6.0	17.7	6.3	2.3	1.2
28189	Industrial organic chemicals, n.e.c....	232	100.0	5.6	1.0	2.9	21.2	8.2	1.3	1.4
2819	Miscellaneous industrial inorganic chemicals.....	627	100.0	1.9	.8	2.1	18.2	44.6	4.1	2.9
28193	Sulphuric acid.....	150	100.0	-	-	2.9	26.0	66.0	3.3	.4

See footnotes at end of table.

TABLE 4. Percent Distribution of Commodities, by Production Area of Destination: 1967--Continued

TCC code	Commodity	Percent distribution by production area ¹ of destination--Continued									
		8 (HARR)	9 (SYRA)	10 (BUFF)	11 (CLEV)	12 (PITT)	13 (DETR)	14 (CINC)	15 (CHIC)	16 (MILW)	17 (M-SP)
	TONS OF SHIPMENTS										
	Production Area 05, total.....	1.2	1.8	1.2	1.4	1.0	1.3	0.4	1.2	0.1	0.1
20	Food and kindred products.....	4.4	1.7	1.6	1.2	1.7	.7	.5	1.4	-	-
201	Meat, poultry, and small game; fresh, chilled or frozen.....	2.0	.7	.2	.3	2.2	-	-	.2	-	-
202	Dairy products.....	5.4	-	-	-	-	-	-	-	-	-
203	Canned and preserved fruits, vegetables, and seafoods.....	2.0	1.8	1.5	-	1.3	.2	.8	2.5	-	-
2033	Canned fruits and vegetables.....	.7	5.4	2.5	.1	-	.5	.1	1.1	-	-
207	Confectionery and related products.....	.7	1.1	1.2	1.6	1.2	5.4	4.1	3.8	.1	.4
2071	Confectionery and related products.....	.7	1.1	1.2	1.6	1.2	5.4	4.1	3.8	.1	.4
208	Beverages and flavoring extracts.....	3.6	.2	.8	.4	2.3	.1	.6	1.1	.1	.1
2087	Miscellaneous flavoring extracts, sirups, and flavoring compounds (except chocolate sirups).....	1.6	-	4.4	3.6	4.2	-	9.5	3.1	.5	-
20871	Flavoring extracts, emulsions, and flavoring compounds.....	1.6	-	4.4	3.6	4.2	-	9.5	3.1	.5	-
231	Men's, youths', and boys' clothing.....	.1	.3	3.1	2.5	1.6	1.6	1.8	4.7	1.0	1.4
2311	Men's, youths', and boys' clothing.....	.1	.3	3.1	2.5	1.6	1.6	1.8	4.7	1.0	1.4
23111	Men's, youths', and boys' coats, overcoats, and suits.....	.1	.3	3.1	2.5	1.6	1.6	1.8	4.7	1.0	1.4
251	Household and office furniture.....	.4	.2	2.0	2.3	.3	4.9	1.0	2.6	.4	.4
26	Pulp, paper, and allied products.....	2.9	.7	1.8	2.3	1.8	.3	1.3	2.5	.1	.1
262	Paper (except building paper).....	5.4	.1	3.6	.4	1.3	.1	.8	10.3	1.0	-
2621	Paper (except building paper).....	5.4	.1	3.6	.4	1.3	.1	.8	10.3	1.0	-
263	Paperboard, fiberboard, and pulpboard (except insulating board).....	1.3	.7	2.2	-	1.1	.1	.7	3.6	-	-
2631	Paperboard, fiberboard, and pulpboard (except insulating board).....	1.3	.7	2.2	-	1.1	.1	.7	3.6	-	-
26311	Paperboard, fiberboard, and pulpboard (except insulating board).....	1.3	.7	2.2	-	1.1	.1	.7	3.6	-	-
264	Converted paper and paperboard products (except containers and boxes).....	2.3	.4	1.4	5.5	2.6	.1	.4	.7	-	.2
265	Containers, boxes and related products, paperboard, fiberboard, and pulpboard	4.7	1.3	1.0	2.7	2.5	1.0	1.8	1.3	-	-
2651	Containers, boxes, baskets, pallets and skids, paperboard, fiberboard, and pulpboard.....	5.7	1.2	1.2	.3	1.9	.5	1.4	1.7	-	-
26511	Containers and boxes, paperboard, fiberboard, and pulpboard.....	5.7	1.2	1.2	.3	1.9	.5	1.4	1.7	-	-
28	Chemicals and allied products.....	1.2	1.0	1.7	2.0	.7	.6	.4	2.7	.4	.2
281	Industrial chemicals.....	.8	.8	.7	2.1	1.0	.4	.2	1.8	.3	.2
2813	Industrial gases, compressed and liquefied.....	3.1	1.3	.7	-	-	-	-	-	-	-
28139	Industrial gases, n.e.c.....	2.0	1.6	.9	-	-	-	-	-	-	-
2818	Miscellaneous industrial organic chemicals.....	.3	1.9	.8	.8	3.7	.8	.2	2.8	-	.1
28189	Industrial organic chemicals, n.e.c....	.6	2.3	1.6	1.0	.6	1.7	.4	2.0	-	.2
2819	Miscellaneous industrial inorganic chemicals.....	-	.2	-	.5	1.7	.3	-	3.2	-	-
28193	Sulphuric acid.....	-	-	-	-	-	-	-	.7	-	-

See footnotes at end of table.

TABLE 4. Percent Distribution of Commodities, by Production Area of Destination: 1967--Continued

TCC code	Commodity	Percent distribution by production area ¹ of destination--Continued									Sampling variability code ³
		18 (STLO)	19 (ATLA)	20 (DALL)	21 (HOUS)	22 (DENV)	23 (SETL)	24 (SANF)	25 (LOSA)	All other	
	TONS OF SHIPMENTS										
	Production Area 05, total.....	0.1	0.4	0.2	0.2	-	0.1	0.3	0.6	36.9	-
20	Food and kindred products.....	.1	.6	.3	-	-	.1	.3	.6	32.8	b
201	Meat, poultry, and small game; fresh, chilled or frozen.....	.4	-	.1	-	-	-	.1	1.0	58.4	d
202	Dairy products.....	-	-	-	-	-	-	-	-	26.3	c
203	Canned and preserved fruits, vegetables, and seafoods.....	.1	-	-	-	-	-	.1	-	27.4	b
2033	Canned fruits and vegetables.....	.2	.1	.1	-	0.2	-	.2	-	23.2	d
207	Confectionery and related products.....	.4	19.5	8.0	.3	.1	-	8.1	2.1	20.5	d
2071	Confectionery and related products.....	.4	19.5	8.0	.3	.1	-	8.1	2.1	20.5	d
208	Beverages and flavoring extracts.....	.1	-	.1	-	-	-	-	.8	33.6	a
2087	Miscellaneous flavoring extracts, sirups, and flavoring compounds (except chocolate sirups).....	1.2	-	-	-	-	-	.2	7.3	33.0	c
20871	Flavoring extracts, emulsions, and flavoring compounds.....	1.2	-	-	-	-	-	.2	7.3	33.0	c
231	Men's, youths', and boys' clothing.....	.7	1.1	.3	.9	.2	.7	1.7	2.1	35.3	c
2311	Men's, youths', and boys' clothing.....	.7	1.1	.3	.9	.2	.7	1.7	2.1	35.3	c
23111	Men's, youths', and boys' coats, overcoats, and suits.....	.7	1.1	.3	.9	.2	.7	1.7	2.1	35.3	c
251	Household and office furniture.....	1.0	1.1	1.0	.4	.3	.3	.3	1.3	29.2	d
26	Pulp, paper, and allied products.....	.3	.9	.5	.1	.2	.3	.9	.3	35.0	b
262	Paper (except building paper).....	1.9	.1	1.9	-	-	-	9.2	.3	22.9	d
2621	Paper (except building paper).....	1.9	.1	1.9	-	-	-	9.2	.3	22.9	d
263	Paperboard, fiberboard, and pulpboard (except insulating board).....	-	.4	.1	.1	-	-	.4	.2	29.2	d
2631	Paperboard, fiberboard, and pulpboard (except insulating board).....	-	.4	.1	.1	-	-	.4	.2	29.2	d
26311	Paperboard, fiberboard, and pulpboard (except insulating board).....	-	.4	.1	.1	-	-	.4	.2	29.2	d
264	Converted paper and paperboard products (except containers and boxes).....	.3	1.6	.6	.2	.7	-	.3	.3	47.3	b
265	Containers, boxes and related products, paperboard, fiberboard, and pulpboard.....	.4	1.2	.8	-	-	1.0	.4	.2	32.7	d
2651	Containers, boxes, baskets, pallets and skids, paperboard, fiberboard, and pulpboard.....	.3	.5	.4	-	-	-	.4	.3	33.3	d
26511	Containers and boxes, paperboard, fiberboard, and pulpboard.....	.3	.5	.4	-	-	-	.4	.3	33.3	d
28	Chemicals and allied products.....	.2	.6	.3	.7	.1	.2	.5	.9	28.2	b
281	Industrial chemicals.....	-	-	-	.7	-	-	.3	.5	27.7	b
2813	Industrial gases, compressed and liquefied.....	-	.1	-	-	-	-	-	.1	18.0	c
28139	Industrial gases, n.e.c.....	-	.1	-	-	.1	-	-	.2	16.9	d
2818	Miscellaneous industrial organic chemicals.....	-	-	-	.5	-	-	.3	-	44.3	c
28189	Industrial organic chemicals, n.e.c....	-	-	-	1.0	-	-	.6	-	46.4	a
2819	Miscellaneous industrial inorganic chemicals.....	-	.1	-	-	-	-	-	2.3	17.1	a
28193	Sulphuric acid.....	-	-	-	-	-	-	-	-	.7	c

See footnotes at end of table.

TABLE 4. Percent Distribution of Commodities, by Production Area of Destination: 1967 --Continued

TCC code	Commodity	Number	Percent distribution by production area ¹ of destination							
			Total	1 (BOST)	2 (HART)	3 (NYNY)	4 (N. NJ)	5 ² (PHIL)	6 (BALT)	7 (ALLN)
	TONS OF SHIPMENTS--Continued	(thousands of tons)								
28194	Inorganic acids and phosphorus compounds (except nitric and sulphuric acid).....	54	100.0	-	-	-	19.1	0.5	9.5	12.1
28199	Industrial inorganic chemicals, n.e.c. (including reagent and high purity chemicals).....	101	100.0	3.8	5.2	1.1	8.5	24.4	.1	-
282	Plastic materials and plasticizers, synthetic resins, rubbers, and fibers.	920	100.0	2.0	1.0	5.9	9.7	39.6	2.6	.8
2821	Plastic materials and plasticizers, synthetic resins, rubbers, and fibers.	920	100.0	2.0	1.0	5.9	9.7	39.6	2.6	.8
28211	Plastic materials and plasticizers, synthetic resins, and nonvulcanizable elastomers.....	848	100.0	2.1	1.1	6.0	10.5	42.5	2.1	.8
283	Drugs (biological products, medicinal chemicals, botanical products, and pharmaceutical preparations).....	110	100.0	13.3	1.4	5.6	8.8	2.2	2.0	.3
2831	Drugs (biological products, medicinal chemicals, botanical products, and pharmaceutical preparations).....	110	100.0	13.3	1.4	5.6	8.8	2.2	2.0	.3
28311	Drugs for human use.....	110	100.0	13.3	1.4	5.6	8.8	2.2	2.0	.3
284	Soap and detergents, cleaning preparations, perfumes, cosmetics, and other toilet preparations.....	596	100.0	4.3	3.5	6.4	16.0	6.7	3.8	.6
2841	Soap and other detergents (except specialty cleansers).....	237	100.0	6.6	7.8	3.8	34.8	11.9	5.5	.6
28419	Soap or detergents, n.e.c. (except synthetic organic detergents and specialty cleansers).....	237	100.0	6.6	7.8	3.8	34.8	11.9	5.5	.6
2842	Specialty cleaning, polishing, and sanitation preparations (except soap and detergents).....	272	100.0	.3	.4	9.2	2.9	.9	3.5	.5
28432	Waxes and polishing preparations and related products.....	148	100.0	.2	.1	15.3	3.9	.2	3.6	-
2843	Surface active agents, finishing agents, sulfonated oils and assistants	65	100.0	14.6	.4	4.1	1.0	12.0	.1	.1
28431	Surface active agents, finishing agents, sulfonated oils and assistants	65	100.0	14.6	.4	4.1	1.0	12.0	.1	.1
285	Paints, varnishes, lacquers, enamels, and allied products.....	133	100.0	3.2	1.3	5.0	10.7	11.4	5.6	1.4
2851	Paints, varnishes, lacquers, enamels, and allied products.....	133	100.0	3.2	1.3	5.0	10.7	11.4	5.6	1.4
28511	Paints, varnishes, lacquers, enamels, and shellacs.....	112	100.0	2.4	1.3	3.5	12.3	12.2	6.6	1.2
28519	Paints, varnishes, lacquers, shellacs, enamels, and allied products, n.e.c. (including mixed shipments).....	15	100.0	9.1	1.3	15.8	3.0	6.1	.1	.7
287	Agricultural chemicals.....	66	100.0	.1	-	11.6	8.9	14.5	-	5.8
2879	Agricultural chemicals, n.e.c., and rodenticides, insecticides, fungicides, herbicides, plant hormones, and pesticides.....	66	100.0	.1	-	11.6	8.9	14.5	-	5.8
28799	Agricultural chemicals, n.e.c., and rodenticides, insecticides, fungicides, herbicides, plant hormones, and pesticides.....	66	100.0	.1	-	11.6	8.9	14.5	-	5.8
289	Miscellaneous chemical products.....	505	100.0	3.9	1.4	5.1	12.4	23.1	.8	2.6
2899	Chemical products, n.e.c.....	387	100.0	3.6	1.2	5.9	13.8	27.4	.6	1.8

See footnotes at end of table.

TABLE 4. Percent Distribution of Commodities, by Production Area of Destination: 1967--Continued

TCC code	Commodity	Percent distribution by production area ¹ of destination--Continued									
		8 (HARR)	9 (SYRA)	10 (BUFF)	11 (CLEV)	12 (PITT)	13 (DETR)	14 (CINC)	15 (CHIC)	16 (MILW)	17 (M-SP)
	TONS OF SHIPMENTS--Continued										
28194	Inorganic acids and phosphorus compounds (except nitric and sulphuric acid).....	-	0.1	-	1.8	-	-	-	3.2	-	-
28199	Industrial inorganic chemicals, n.e.c. (including reagent and high purity chemicals).....	-	1.0	-	.8	3.2	2.0	-	10.1	-	-
282	Plastic materials and plasticizers, synthetic resins, rubbers, and fibers.	2.0	-	4.7	2.2	.1	.7	0.9	2.4	0.3	0.1
2821	Plastic materials and plasticizers, synthetic resins, rubbers, and fibers.	2.0	-	4.7	2.2	.1	.7	.9	2.4	.3	.1
28211	Plastic materials and plasticizers, synthetic resins, and nonvulcanizable elastomers.....	2.1	-	4.8	2.4	.1	.7	.5	2.4	.3	.1
283	Drugs (biological products, medicinal chemicals, botanical products, and pharmaceutical preparations).....	.7	.8	.6	1.2	.8	.2	.2	4.8	.2	1.0
2831	Drugs (biological products, medicinal chemicals, botanical products, and pharmaceutical preparations).....	.7	.8	.6	1.2	.8	.2	.2	4.8	.2	1.0
28311	Drugs for human use.....	.7	.8	.6	1.2	.8	.2	.2	4.8	.2	1.0
284	Soap and detergents, cleaning preparations, perfumes, cosmetics, and other toilet preparations.....	.5	3.7	2.5	2.3	.4	1.5	.8	7.1	1.0	.3
2841	Soap and other detergents (except specialty cleansers).....	.1	.9	1.3	1.3	.7	2.2	-	6.9	-	-
28419	Soap or detergents, n.e.c. (except synthetic organic detergents and specialty cleansers).....	.1	.9	1.3	1.3	.7	2.2	-	6.9	-	-
2842	Specialty cleaning, polishing, and sanitation preparations (except soap and detergents).....	1.0	1.1	4.3	3.8	.3	1.1	1.8	9.3	2.2	.5
28423	Waxes and polishing preparations and related products.....	.1	1.8	7.0	5.9	.1	.8	3.2	13.9	4.0	.9
2843	Surface active agents, finishing agents, sulfonated oils and assistants	-	26.4	.1	.9	-	-	-	-	.6	-
28431	Surface active agents, finishing agents, sulfonated oils and assistants	-	26.4	.1	.9	-	-	-	-	.6	-
285	Paints, varnishes, lacquers, enamels, and allied products.....	4.3	1.6	2.1	.5	1.1	.5	.3	.5	.4	3.0
2851	Paints, varnishes, lacquers, enamels, and allied products.....	4.3	1.6	2.1	.5	1.1	.5	.3	.5	.4	3.0
28511	Paints, varnishes, lacquers, enamels, and shellacs.....	5.1	1.7	2.4	.3	.2	.4	.1	.1	-	3.3
28519	Paints, varnishes, lacquers, shellacs, enamels, and allied products, n.e.c. (including mixed shipments).....	-	-	.2	1.3	7.5	.2	2.0	3.4	3.0	.2
287	Agricultural chemicals.....	.2	.1	.5	-	1.2	5.4	1.2	1.5	.4	.2
2879	Agricultural chemicals, n.e.c., and rodenticides, insecticides, fungicides, herbicides, plant hormones, and pesticides.....	.2	.1	.5	-	1.2	5.4	1.2	1.5	.4	.2
28799	Agricultural chemicals, n.e.c., and rodenticides, insecticides, fungicides, herbicides, plant hormones, and pesticides.....	.2	.1	.5	-	1.2	5.4	1.2	1.5	.4	.2
289	Miscellaneous chemical products.....	2.8	.9	1.1	1.8	.2	.4	.4	4.1	.3	.1
2899	Chemical products, n.e.c.....	1.1	1.0	1.4	2.3	.2	.4	.5	2.8	.4	.1

See footnotes at end of table.

TABLE 4. Percent Distribution of Commodities, by Production Area of Destination: 1967--Continued

TCC code	Commodity	Percent distribution by production area ¹ of destination--Continued									Sampling variability code ³
		18 (STLO)	19 (ATLA)	20 (DALL)	21 (HOUS)	22 (DENV)	23 (SETL)	24 (SANF)	25 (LOSA)	All other	
	TONS OF SHIPMENTS--Continued										
28194	Inorganic acids and phosphorus compounds (except nitric and sulphuric acid).....	-	-	-	-	-	-	-	25.8	27.9	d
28199	Industrial inorganic chemicals, n.e.c. (including reagent and high purity chemicals).....	0.1	0.3	0.3	0.1	-	-	-	.4	38.6	c
282	Plastic materials and plasticizers, synthetic resins, rubbers, and fibers	.5	1.5	.2	.3	0.2	-	-	.7	21.6	a
2821	Plastic materials and plasticizers, synthetic resins, rubbers, and fibers	.5	1.5	.2	.3	.2	-	-	.7	21.6	a
28211	Plastic materials and plasticizers, synthetic resins, and nonvulcanizable elastomers.....	.1	.1	.3	.3	.2	-	-	.8	19.7	a
283	Drugs (biological products, medicinal chemicals, botanical products, and pharmaceutical preparations).....	.1	3.5	5.4	2.7	1.1	2.9	1.5	2.2	36.5	b
2813	Drugs (biological products, medicinal chemicals, botanical products, and pharmaceutical preparations).....	.1	3.5	5.4	2.7	1.1	2.9	1.5	2.2	36.5	b
28311	Drugs for human use.....	.1	3.5	5.4	2.7	1.1	2.9	1.5	2.2	36.5	b
284	Soap and detergents, cleaning preparations, perfumes, cosmetics, and other toilet preparations.....	.3	.9	.9	.7	.1	-	2.1	2.2	31.4	c
2841	Soap and other detergents (except specialty cleansers).....	.5	1.5	.1	-	-	-	-	-	13.5	d
28419	Soap or detergents, n.e.c. (except synthetic organic detergents and specialty cleansers).....	.5	1.5	.1	-	-	-	-	-	13.5	d
2842	Specialty cleaning, polishing, and sanitation preparations (except soap and detergents).....	.1	.5	1.8	1.5	-	-	4.5	4.5	44.0	c
28423	Waxes and polishing preparations and related products.....	-	.9	-	.2	-	-	-	1.5	36.4	c
2843	Surface active agents, finishing agents, sulfonated oils and assistants	-	.1	-	-	-	-	-	-	39.6	d
28431	Surface active agents, finishing agents, sulfonated oils and assistants	-	.1	-	-	-	-	-	-	39.6	d
285	Paints, varnishes, lacquers, enamels, and allied products.....	.1	4.4	.5	-	-	-	.1	.2	41.8	b
2851	Paints, varnishes, lacquers, enamels, and allied products.....	.1	4.4	.5	-	-	-	.1	.2	41.8	b
28511	Paints, varnishes, lacquers, enamels, and shellacs.....	.1	5.0	-	-	-	-	.1	-	41.7	b
28519	Paints, varnishes, lacquers, shellacs, enamels, and allied products, n.e.c. (including mixed shipments).....	.1	1.2	3.6	-	-	-	-	1.2	40.0	d
287	Agricultural chemicals.....	.3	.1	.6	-	-	-	.1	-	47.3	a
2879	Agricultural chemicals, n.e.c., and rodenticides, insecticides, fungicides, herbicides, plant hormones, and pesticides.....	.3	.1	.6	-	-	-	.1	-	47.3	a
28799	Agricultural chemicals, n.e.c., and rodenticides, insecticides, fungicides, herbicides, plant hormones, and pesticides.....	.3	.1	.6	-	-	-	.1	-	47.3	a
289	Miscellaneous chemical products.....	.9	.1	-	1.0	-	.9	.6	1.7	33.4	c
2899	Chemical products, n.e.c.....	1.2	.1	-	1.3	-	-	.6	1.1	31.2	c

See footnotes at end of table.

TABLE 4. Percent Distribution of Commodities, by Production Area of Destination: 1967 --Continued

TCC code	Commodity	Number	Percent distribution by production area ¹ of destination							
			Total	1 (BOST)	2 (HART)	3 (NYNY)	4 (N. NJ)	5 ² (PHIL)	6 (BALT)	7 (ALLN)
	TONS OF SHIPMENTS--Continued	(thousands of tons)								
28998	Packaged chemical compounds.....	16	100.0	1.6	6.2	5.4	2.4	5.9	3.1	2.0
28999	Chemical products, n.e.c.....	314	100.0	4.1	.6	6.2	15.5	32.2	.3	1.6
29	Petroleum and coal products.....	26,997	100.0	.2	.2	.3	.6	50.3	.8	.3
291	Products of petroleum refining.....	25,793	100.0	.2	.2	.3	.4	51.1	.8	.3
2911	Products of petroleum refining (except liquefied petroleum gases and petro- leum coke and breeze).....	25,515	100.0	.1	.1	.3	.4	51.5	.8	.2
29111	Gasoline, jet fuels, and other high volatile petroleum fuels (except natural gasoline).....	2,126	100.0	-	-	.3	.2	67.4	.8	.1
299	Miscellaneous petroleum and coal products.....	761	100.0	.2	.1	.4	4.7	18.5	1.4	.1
2991	Miscellaneous petroleum and coal products.....	761	100.0	.2	.1	.4	4.7	18.5	1.4	.1
30	Rubber and miscellaneous plastics products.....	684	100.0	2.2	1.7	9.4	12.1	10.9	1.7	1.5
301	Tires and inner tubes.....	170	100.0	2.7	2.1	12.7	16.3	18.2	3.6	3.1
3011	Tires and inner tubes.....	170	100.0	2.7	2.1	12.7	16.3	18.2	3.6	3.1
306	Miscellaneous fabricated rubber products.....	260	100.0	2.1	.9	8.3	2.7	9.6	.3	1.5
3061	Miscellaneous fabricated rubber products.....	260	100.0	2.1	.9	8.3	2.7	9.6	.3	1.5
307	Miscellaneous plastic products.....	255	100.0	1.9	2.2	8.3	18.9	7.5	1.8	.5
3071	Miscellaneous plastic products.....	255	100.0	1.9	2.2	8.3	18.9	7.5	1.8	.5
30714	Unsupported vinyl and polyethylene film and sheeting.....	69	100.0	4.1	5.3	9.4	18.1	3.5	3.3	.5
32	Stone, clay, and glass products.....	2,101	100.0	3.8	3.6	6.2	8.2	21.3	5.2	4.2
322	Glass and glassware, pressed and blown.	399	100.0	3.9	3.0	10.0	15.8	21.1	11.7	.6
3221	Glass containers, caps and covers.....	397	100.0	4.0	3.0	9.6	15.9	21.2	11.7	.6
325	Structural clay products.....	739	100.0	7.4	3.6	4.4	3.0	17.9	2.8	4.9
329	Abrasives, asbestos, and miscellaneous nonmetallic mineral products.....	342	100.0	2.7	2.9	8.5	4.1	6.5	3.9	11.3
3291	Abrasive products.....	23	100.0	.5	.3	1.2	3.7	4.2	.2	2.2
32912	Nonmetallic bonded abrasive products...	18	100.0	.6	.3	.7	4.4	4.0	.3	2.9
3292	Asbestos products.....	87	100.0	4.3	4.7	11.0	2.1	11.7	2.9	.1
33	Primary metal products.....	3,568	100.0	3.4	4.4	4.9	9.9	15.4	1.5	5.9
331	Steel works and rolling mill products..	2,919	100.0	3.7	4.8	4.0	10.1	15.8	1.2	6.5
3312	Primary iron and steel products (except coke-oven products).....	2,719	100.0	3.8	5.1	4.1	9.9	16.6	1.3	7.0
33122	Plates, iron and steel.....	860	100.0	9.5	5.1	1.9	7.0	14.2	1.3	4.2
33123	Sheet and strip, iron and steel (except tin mill products).....	1,265	100.0	1.1	5.8	6.8	8.7	19.3	1.0	12.0
332	Iron and steel castings.....	339	100.0	2.2	2.2	9.3	10.9	11.7	4.2	3.5
3321	Iron and steel castings.....	339	100.0	2.2	2.2	9.3	10.9	11.7	4.2	3.5
333	Nonferrous metals primary smelter products (slab, ingot, pig, etc., and residues).....	73	100.0	5.9	5.7	10.0	7.5	13.7	1.3	5.6
335	Nonferrous metal basic shapes.....	160	100.0	.8	.4	10.1	9.3	17.6	.5	1.1
336	Nonferrous and nonferrous base alloy castings.....	26	100.0	2.2	8.1	1.5	7.7	10.6	11.9	.1
339	Miscellaneous primary metal products...	52	100.0	4.9	.5	2.6	1.3	10.0	.1	.6
3391	Iron and steel forgings.....	50	100.0	5.0	.5	2.7	1.2	10.3	.1	.5
33911	Iron and steel forgings.....	50	100.0	5.0	.5	2.7	1.2	10.3	.1	.5

See footnotes at end of table.

TABLE 4. Percent Distribution of Commodities, by Production Area of Destination: 1967--Continued

TCC code	Commodity	Percent distribution by production area ¹ of destination--Continued									
		8 (HARR)	9 (SYRA)	10 (BUFF)	11 (CLEV)	12 (PITT)	13 (DETR)	14 (CINC)	15 (CHIC)	16 (MILW)	17 (M-SP)
	TONS OF SHIPMENTS--Continued										
28998	Packaged chemical compounds.....	3.7	17.1	0.2	1.4	2.2	7.3	0.2	1.2	1.5	-
28999	Chemical products, n.e.c.....	1.1	.2	1.5	2.2	-	.1	-	1.1	-	0.1
29	Petroleum and coal products.....	.1	2.3	.3	.6	.3	1.2	-	.2	-	-
291	Products of petroleum refining.....	.1	2.4	.3	.7	.3	1.2	-	.1	-	-
2911	Products of petroleum refining (except liquefied petroleum gases and petroleum coke and breeze).....	.1	2.4	.3	.7	.3	1.2	-	.1	-	-
29111	Gasoline, jet fuels, and other high volatile petroleum fuels (except natural gasoline).....	-	28.2	.1	-	-	-	-	-	-	-
299	Miscellaneous petroleum and coal products.....	-	-	-	.2	.1	1.8	-	2.4	.2	-
2991	Miscellaneous petroleum and coal products.....	-	-	-	.2	.1	1.8	-	2.4	.2	-
30	Rubber and miscellaneous plastics products.....	.5	.6	1.2	2.1	.8	3.7	.7	8.5	.2	.2
301	Tires and inner tubes.....	.5	.9	.2	2.5	1.0	2.7	-	2.3	.2	-
3011	Tires and inner tubes.....	.5	.9	.2	2.5	1.0	2.7	-	2.3	.2	-
306	Miscellaneous fabricated rubber products.....	.2	.8	.7	2.3	.7	.3	.1	15.2	.3	.3
3061	Miscellaneous fabricated rubber products.....	.2	.8	.7	2.3	.7	.3	.1	15.2	.3	.3
307	Miscellaneous plastic products.....	.7	.2	2.2	1.7	.9	7.9	1.7	5.8	.1	.1
3071	Miscellaneous plastic products.....	.7	.2	2.2	1.7	.9	7.9	1.7	5.8	.1	.1
30714	Unsupported vinyl and polyethylene film and sheeting.....	.4	.4	-	.3	-	.2	1.7	15.4	-	-
32	Stone, clay, and glass products.....	2.8	.9	3.7	1.6	1.3	2.6	.5	.8	.5	.5
322	Glass and glassware, pressed and blown.	5.7	.7	.9	.1	-	.1	-	-	-	-
3221	Glass containers, caps and covers.....	5.8	.7	.9	.1	-	.1	-	-	-	-
325	Structural clay products.....	2.3	1.7	7.2	3.2	2.8	6.9	1.1	1.1	.2	1.1
329	Abrasives, asbestos, and miscellaneous nonmetallic mineral products.....	.5	.7	2.7	2.5	1.3	1.1	.5	2.5	2.5	.7
3291	Abrasive products.....	3.8	.9	.6	1.8	3.1	1.2	.6	1.7	.4	.2
32912	Nonmetallic bonded abrasive products...	4.9	1.0	.8	2.3	3.9	1.5	.7	2.0	.5	.2
3292	Asbestos products.....	.1	.2	2.0	1.5	2.1	1.2	.8	4.7	.1	.7
33	Primary metal products.....	3.0	2.2	4.6	4.7	4.1	.5	1.5	2.8	.4	-
331	Steel works and rolling mill products..	2.7	2.3	4.9	5.0	4.6	.6	1.7	2.9	.4	-
3312	Primary iron and steel products (except coke-oven products).....	2.9	2.5	5.2	5.2	4.7	.5	1.7	2.9	.4	-
33122	Plates, iron and steel.....	2.6	2.9	2.9	6.1	2.6	1.4	1.1	-	.2	-
33123	Sheet and strip, iron and steel (except tin mill products).....	2.6	3.0	7.2	4.4	6.1	-	.9	5.8	-	-
332	Iron and steel castings.....	5.3	1.4	3.9	5.5	.9	-	-	.7	-	-
3321	Iron and steel castings.....	5.3	1.4	3.9	5.5	.9	-	-	.7	-	-
333	Nonferrous metals primary smelter products (slab, ingot, pig, etc., and residues).....	2.5	2.7	.8	1.2	3.5	-	-	2.6	-	-
335	Nonferrous metal basic shapes.....	3.3	1.7	2.7	1.3	3.5	.1	.1	7.1	.1	.7
336	Nonferrous and nonferrous base alloy castings.....	14.6	1.9	4.4	3.2	1.1	.2	-	-	-	-
339	Miscellaneous primary metal products...	.3	2.1	3.0	.4	.3	-	10.0	.7	-	.2
3391	Iron and steel forgings.....	.3	2.2	3.1	.5	.3	-	10.3	.8	-	.2
33911	Iron and steel forgings.....	.3	2.2	3.1	.5	.3	-	10.3	.8	-	.2

See footnotes at end of table.

TABLE 4. Percent Distribution of Commodities, by Production Area of Destination: 1967--Continued

TCC code	Commodity	Percent distribution by production area ¹ of destination--Continued									Sampling variability code ³
		18 (STLO)	19 (ATLA)	20 (DALL)	21 (HOUS)	22 (DENV)	23 (SETL)	24 (SANF)	25 (LOSA)	All other	
	TONS OF SHIPMENTS--Continued										
28998	Packaged chemical compounds.....	0.1	1.6	0.2	0.1	-	0.1	0.9	0.1	35.6	c
28999	Chemical products, n.e.c.....	1.5	-	-	1.5	-	-	-	-	30.1	c
29	Petroleum and coal products.....	-	-	-	-	-	-	.1	-	42.2	d
291	Products of petroleum refining.....	-	-	-	-	-	-	-	-	41.6	d
2911	Products of petroleum refining (except liquefied petroleum gases and petroleum coke and breeze).....	-	-	-	-	-	-	-	-	41.5	d
29111	Gasoline, jet fuels, and other high volatile petroleum fuels (except natural gasoline).....	-	-	-	-	-	-	-	-	2.9	d
299	Miscellaneous petroleum and coal products.....	-	-	-	-	-	-	3.1	-	66.8	d
2991	Miscellaneous petroleum and coal products.....	-	-	-	-	-	-	3.1	-	66.8	d
30	Rubber and miscellaneous plastics products.....	1.0	5.4	2.6	.3	-	.3	.1	3.4	28.9	b
301	Tires and inner tubes.....	1.3	3.9	-	.1	-	-	-	1.0	24.7	b
3011	Tires and inner tubes.....	1.3	3.9	-	.1	-	-	-	1.0	24.7	b
306	Miscellaneous fabricated rubber products.....	1.2	6.6	4.4	.4	0.1	.2	.3	4.7	35.8	d
3061	Miscellaneous fabricated rubber products.....	1.2	6.6	4.4	.4	.1	.2	.3	4.7	35.8	d
307	Miscellaneous plastic products.....	.6	5.1	2.4	.3	-	.7	.1	3.8	24.6	c
3071	Miscellaneous plastic products.....	.6	5.1	2.4	.3	-	.7	.1	3.8	24.6	c
30714	Unsupported vinyl and polyethylene film and sheeting.....	.8	5.5	5.1	.5	-	-	-	8.8	16.7	c
32	Stone, clay, and glass products.....	.1	.1	-	.2	.1	.2	.1	.4	31.1	c
322	Glass and glassware, pressed and blown.	.2	-	-	-	-	-	-	-	26.2	c
3221	Glass containers, caps and covers.....	.2	-	-	-	-	-	-	-	26.2	c
325	Structural clay products.....	-	.2	-	-	-	.1	.1	.5	27.5	d
329	Abrasives, asbestos, and miscellaneous nonmetallic mineral products.....	.1	.1	.2	1.1	.3	1.2	.3	1.1	40.7	b
3291	Abrasive products.....	.2	.2	.3	1.2	1.1	1.1	.7	5.2	63.4	c
32912	Nonmetallic bonded abrasive products...	.2	.2	.3	1.6	1.5	1.4	.8	2.7	60.3	d
3292	Asbestos products.....	.2	.1	.5	2.3	1.0	4.3	.4	.8	40.2	b
33	Primary metal products.....	.4	.1	.3	.8	-	.1	.3	2.4	26.4	a
331	Steel works and rolling mill products..	.4	.1	.3	.7	-	-	.3	2.9	24.1	a
3312	Primary iron and steel products (except coke-oven products).....	.5	.1	.3	.6	-	-	.1	3.0	21.6	a
33122	Plates, iron and steel.....	1.4	-	1.0	1.0	-	-	.2	3.0	30.4	a
33123	Sheet and strip, iron and steel (except tin mill products).....	-	.3	-	-	-	-	-	1.8	13.2	c
332	Iron and steel castings.....	-	-	-	.7	-	-	-	.1	37.5	c
3321	Iron and steel castings.....	-	-	-	.7	-	-	-	.1	37.5	c
333	Nonferrous metals primary smelter products (slab, ingot, pig, etc., and residues).....	.2	.2	-	-	-	-	-	-	36.6	d
335	Nonferrous metal basic shapes.....	-	.1	.2	.2	.1	.9	.1	.4	37.6	d
336	Nonferrous and nonferrous base alloy castings.....	-	-	1.5	-	-	-	.1	-	30.5	c
339	Miscellaneous primary metal products...	2.6	-	3.6	11.4	-	-	1.0	1.5	42.9	c
3391	Iron and steel forgings.....	2.7	-	3.7	11.7	-	-	1.0	1.6	41.3	c
33911	Iron and steel forgings.....	2.7	-	3.7	11.7	-	-	1.0	1.6	41.3	c

See footnotes at end of table.

TABLE 4. Percent Distribution of Commodities, by Production Area of Destination: 1967 --Continued

TCC code	Commodity	Number	Percent distribution by production area ¹ of destination							
			Total	1 (BOST)	2 (HART)	3 (NYNY)	4 (N. NJ)	5 ² (PHIL)	6 (BALT)	7 (ALLN)
	TONS OF SHIPMENTS--Continued	(thousands of tons)								
34	Fabricated metal products.....	1,314	100.0	2.0	1.6	5.7	10.6	19.6	1.6	4.1
341	Metal cans.....	104	100.0	6.5	1.0	1.3	6.9	11.1	4.2	3.9
3411	Metal cans.....	104	100.0	6.5	1.0	1.3	6.9	11.1	4.2	3.9
34111	Metal cans.....	104	100.0	6.5	1.0	1.3	6.9	11.1	4.2	3.9
344	Structural and miscellaneous metal products.....	697	100.0	.6	2.1	5.8	14.4	31.1	.7	6.4
3441	Structural metal products.....	602	100.0	.4	2.3	5.7	15.6	31.9	.7	5.3
3443	Fabricated plate products (boiler shop products).....	25	100.0	.3	-	8.0	3.3	16.8	.4	-
345	Bolts, nuts, screws, rivets, washers, and other industrial fasteners.....	26	100.0	.9	3.7	1.7	4.7	6.4	4.0	.3
3452	Bolts, nuts, screws, rivets, washers, and other industrial fasteners.....	26	100.0	.9	3.7	1.7	4.7	6.4	4.0	.3
346	Metal stampings.....	321	100.0	3.4	.1	4.6	6.1	5.2	2.6	.4
3461	Metal stampings.....	321	100.0	3.4	.1	4.6	6.1	5.2	2.6	.4
348	Miscellaneous fabricated wire products.....	53	100.0	7.2	3.2	14.1	9.7	7.8	3.4	-
3481	Miscellaneous fabricated wire products.....	53	100.0	7.2	3.2	14.1	9.7	7.8	3.4	-
349	Miscellaneous fabricated metal products.....	13	100.0	.6	1.4	.9	12.5	28.6	2.4	7.0
3499	Fabricated metal products, n.e.c.....	5	100.0	1.5	1.6	1.8	8.9	34.5	1.7	13.2
34999	Fabricated metal products, n.e.c.....	4	100.0	-	2.0	1.7	3.4	44.7	2.3	17.2
35	Machinery, except electrical.....	266	100.0	3.8	.9	2.7	3.5	10.9	.4	.7
353	Construction, mining, and materials handling machinery and equipment.....	76	100.0	1.0	1.0	1.9	2.2	4.8	.6	1.1
3544	Special dies and tools, die sets, jigs, fixtures, and industrial molds and patterns.....	1	100.0	-	.6	-	.8	1.5	1.1	-
35441	Special dies and tools, die sets, jigs, and fixtures.....	1	100.0	-	.6	-	.8	1.5	1.1	-
355	Special industry machinery (except metalworking machinery).....	50	100.0	11.8	-	2.0	3.9	5.3	.1	.2
356	General industrial machinery and equipment.....	45	100.0	2.2	2.1	3.4	8.5	14.6	.7	1.2
36	Electrical machinery and equipment.....	475	100.0	4.6	1.5	6.0	3.6	10.1	1.1	4.1
364	Electrical lighting and wiring equipment.....	159	100.0	8.0	1.7	4.9	6.1	14.9	1.0	3.5
3642	Lighting fixtures.....	151	100.0	8.4	1.7	3.4	6.3	15.3	1.1	3.7
36421	Electric fixtures, residential, commercial, institutional, and industrial types.....	126	100.0	10.1	2.0	3.9	3.8	4.4	1.2	4.5
367	Electronic components or accessories...	11	100.0	.6	.1	6.5	1.2	33.4	1.2	.9
3679	Miscellaneous electronic components and accessories.....	4	100.0	1.5	.3	18.8	3.4	2.3	2.0	.1
36791	Miscellaneous electronic components and accessories.....	4	100.0	1.5	.3	18.8	3.4	2.3	2.0	.1
37	Transportation equipment.....	860	100.0	3.1	1.4	8.0	5.0	10.2	5.2	1.1
371	Motor vehicles and motor vehicle equipment.....	835	100.0	3.2	1.2	8.3	5.2	9.7	5.1	.8
38212	Gas, water, and other liquid meters and recording devices.....	4	100.0	.5	1.4	1.8	4.7	6.6	.2	1.0
39	Miscellaneous products of manufacturing.....	73	100.0	10.3	.4	6.4	2.3	1.3	1.6	1.5
399	Miscellaneous manufactured products....	48	100.0	15.1	.2	5.0	1.9	1.1	2.5	2.2

See footnotes at end of table.

TABLE 4. Percent Distribution of Commodities, by Production Area of Destination: 1967--Continued

TCC code	Commodity	Percent distribution by production area ¹ of destination--Continued									
		8 (HARR)	9 (SYRA)	10 (BUFF)	11 (CLEV)	12 (PITT)	13 (DETR)	14 (CINC)	15 (CHIC)	16 (MILW)	17 (M-SP)
	TONS OF SHIPMENTS--Continued										
34	Fabricated metal products.....	0.5	0.4	1.1	4.7	1.2	7.9	1.0	0.5	0.1	0.6
341	Metal cans.....	1.9	-	2.8	1.1	1.8	-	.1	1.0	-	1.2
3411	Metal cans.....	1.9	-	2.8	1.1	1.8	-	.1	1.0	-	1.2
34111	Metal cans.....	1.9	-	2.8	1.1	1.8	-	.1	1.0	-	1.2
344	Structural and miscellaneous metal products.....	.6	.2	-	.6	1.3	.2	-	.2	.1	-
3441	Structural metal products.....	.6	.3	-	.1	1.3	.2	-	.2	-	-
3443	Fabricated plate products (boiler shop products).....	-	-	.4	.7	.1	-	-	-	2.5	-
345	Bolts, nuts, screws, rivets, washers, and other industrial fasteners.....	.1	.1	4.3	7.6	.2	13.6	2.0	7.9	1.9	.7
3452	Bolts, nuts, screws, rivets, washers, and other industrial fasteners.....	.1	.1	4.3	7.6	.2	13.6	2.0	7.9	1.9	.7
346	Metal stampings.....	-	.6	2.7	14.7	.5	23.5	.2	.3	-	1.9
3461	Metal stampings.....	-	.6	2.7	14.7	.5	23.5	.2	.3	-	1.9
348	Miscellaneous fabricated wire products.	-	1.3	-	6.6	-	.3	-	.6	-	-
3481	Miscellaneous fabricated wire products.	-	1.3	-	6.6	-	.3	-	.6	-	-
349	Miscellaneous fabricated metal products	-	.3	2.4	3.9	.2	1.7	.2	2.5	.5	-
3499	Fabricated metal products, n.e.c.....	-	-	1.2	9.8	-	4.2	.1	3.8	-	-
34999	Fabricated metal products, n.e.c.....	-	-	-	9.0	.1	4.9	-	3.6	-	-
35	Machinery, except electrical.....	.8	.9	6.6	1.3	1.5	1.3	1.0	3.3	5.0	.3
353	Construction, mining, and materials handling machinery and equipment.....	1.0	1.2	16.7	.7	1.3	.7	2.0	5.6	16.2	.2
3544	Special dies and tools, die sets, jigs, fixtures, and industrial molds and patterns.....	.4	-	3.2	7.3	-	.3	-	52.4	-	-
35441	Special dies and tools, die sets, jigs, and fixtures.....	.4	-	3.2	7.3	-	.3	-	52.4	-	-
355	Special industry machinery (except metalworking machinery).....	.2	.4	.7	.2	.2	.6	.1	.3	.5	-
356	General industrial machinery and equipment.....	1.6	.1	5.1	4.2	.3	1.0	.6	6.9	1.8	.4
36	Electrical machinery and equipment.....	1.0	.9	1.7	5.1	2.9	2.1	.6	4.1	.3	.8
364	Electric lighting and wiring equipment.	1.0	1.1	2.2	2.9	2.1	2.7	1.3	3.0	.6	1.2
3642	Lighting fixtures.....	1.0	1.1	2.2	2.9	1.8	2.8	.6	3.0	.6	1.3
36421	Electric fixtures, residential, commercial, institutional, and industrial types.....	1.2	1.3	2.7	3.5	2.1	3.4	.7	3.4	.7	1.6
367	Electronic components or accessories...	.1	1.0	.1	.1	-	.1	.5	2.4	-	.5
3679	Miscellaneous electronic components and accessories.....	-	2.8	.4	.3	-	.2	1.4	7.0	.1	1.4
36791	Miscellaneous electronic components and accessories.....	-	2.8	.4	.3	-	.2	1.4	7.0	.1	1.4
37	Transportation equipment.....	.9	1.4	2.2	1.2	2.2	4.3	2.3	.6	-	.3
371	Motor vehicles and motor vehicle equipment.....	.9	1.5	2.3	1.2	2.3	4.4	2.4	.6	-	.3
38212	Gas, water, and other liquid meters and recording devices.....	.3	.1	1.3	1.6	1.4	1.4	.4	10.0	.2	1.0
39	Miscellaneous products of manufacturing	.2	.9	3.2	.6	1.1	2.7	.7	8.3	.2	.6
399	Miscellaneous manufactured products....	.4	.2	3.2	.5	.9	2.5	.4	9.7	-	.5

See footnote at end of table.

**TABLE 4. Percent Distribution of Commodities, by Production Area
of Destination: 1967--Continued**

TCC code	Commodity	Percent distribution by production area ¹ of destination--Continued									Sampling vari- ability code
		18 (STLO)	19 (ATLA)	20 (DALL)	21 (HOUS)	22 (DENV)	23 (SETL)	24 (SANF)	25 (LOSA)	All other	
	TONS OF SHIPMENTS--Continued										
34	Fabricated metal products.....	1.2	1.0	0.7	0.2	0.1	0.2	1.5	0.2	31.7	b
341	Metal cans.....	-	2.0	2.2	-	-	-	-	-	51.0	a
3411	Metal cans.....	-	2.0	2.2	-	-	-	-	-	51.0	a
34111	Metal cans.....	-	2.0	2.2	-	-	-	-	-	51.0	a
344	Structural and miscellaneous metal products.....	1.1	-	-	.2	-	.2	.1	.1	34.0	d
3441	Structural metal products.....	1.3	-	-	-	-	-	-	-	34.1	d
3443	Fabricated plate products (boiler shop products).....	-	-	-	1.1	-	2.0	.8	-	63.6	d
345	Bolts, nuts, screws, rivets, washers, and other industrial fasteners.....	2.2	.6	.4	-	-	-	.1	3.7	32.9	c
3452	Bolts, nuts, screws, rivets, washers, and other industrial fasteners.....	2.2	.6	.4	-	-	-	.1	3.7	32.9	c
346	Metal stampings.....	1.5	2.8	1.2	-	-	.1	5.4	.2	22.0	a
3461	Metal stampings.....	1.5	2.8	1.2	-	-	.1	5.4	.2	22.0	a
348	Miscellaneous fabricated wire products.	-	-	-	.2	-	-	-	-	45.6	d
3481	Miscellaneous fabricated wire products.	-	-	-	.2	-	-	-	-	45.6	d
349	Miscellaneous fabricated metal products	.2	2.7	2.5	3.2	-	.5	.2	1.1	24.5	d
3499	Fabricated metal products, n.e.c.....	.4	.4	.4	-	-	1.2	-	2.7	12.7	d
34999	Fabricated metal products, n.e.c.....	.5	.5	.5	-	-	-	-	.2	9.4	d
35	Machinery, except electrical.....	.5	.2	.1	2.5	.5	.1	2.4	.7	48.1	b
353	Construction, mining, and materials handling machinery and equipment.....	.3	.2	.3	.7	.6	.2	.7	.4	38.4	d
3544	Special dies and tools, die sets, jigs, fixtures, and industrial molds and patterns.....	.3	-	-	-	-	-	-	-	32.1	d
35441	Special dies and tools, die sets, jigs, and fixtures.....	.3	-	-	-	-	-	-	-	32.1	d
355	Special industry machinery (except metalworking machinery).....	.1	.3	-	.8	-	-	11.2	1.2	59.9	d
356	General industrial machinery and equipment.....	1.5	.6	-	1.4	.3	.3	.2	1.5	39.5	d
36	Electrical machinery and equipment.....	.9	1.2	.4	.3	.7	.4	.8	3.1	41.7	c
364	Electric lighting and wiring equipment.	.5	2.6	.4	-	.7	.7	.1	3.5	33.3	d
3642	Lighting fixtures.....	.6	2.7	.4	-	.7	.7	.1	3.6	34.0	d
36421	Electric fixtures, residential, com- mercial, institutional, and industrial types.....	.7	3.3	.5	-	.7	.9	.1	4.3	39.0	d
367	Electronic components or accessories...	.1	1.8	.2	-	-	-	.5	4.2	44.5	d
3679	Miscellaneous electronic components and accessories.....	.3	-	.6	-	-	-	1.5	4.3	51.3	d
36791	Miscellaneous electronic components and accessories.....	.3	-	.6	-	-	-	1.5	4.3	51.3	d
37	Transportation equipment.....	-	3.9	.2	.4	-	.3	.3	.3	45.2	a
371	Motor vehicles and motor vehicle equipment.....	-	4.0	.2	.5	-	.3	.3	.2	45.1	a
38212	Gas, water, and other liquid meters and recording devices.....	.3	.6	.8	3.9	-	.1	2.5	2.6	55.3	e
39	Miscellaneous products of manufacturing	1.5	5.1	7.6	.6	.2	2.6	3.4	2.1	34.6	e
399	Miscellaneous manufactured products....	2.2	7.2	10.3	.6	-	-	2.9	.3	30.2	e

See footnotes at end of table.

TABLE 4. Percent Distribution of Commodities, by Production Area of Destination: 1967 --Continued

TCC code	Commodity	Number	Percent distribution by production area ¹ of destination							
			Total	1 (BOST)	2 (HART)	3 (NYNY)	4 (N. NJ)	5 ² (PHIL)	6 (BALT)	7 (ALLN)
	TON-MILES OF SHIPMENTS	(millions of ton-miles)								
	Production Area 05, total.....	20,856	100.0	1.1	0.4	1.0	1.0	1.7	0.4	0.2
20	Food and kindred products.....	1,178	100.0	6.7	1.6	6.4	3.9	1.5	2.2	.6
201	Meat, poultry, and small game; fresh, chilled or frozen.....	100	100.0	-	.2	2.6	1.9	1.3	.8	.5
202	Dairy products.....	18	100.0	.1	-	-	6.7	22.4	7.7	7.6
203	Canned and preserved fruits, vegetables, and seafoods.....	305	100.0	18.9	2.7	5.8	5.5	.8	2.2	.2
2033	Canned fruits and vegetables.....	90	100.0	33.7	2.3	5.2	5.8	.9	2.3	.2
207	Confectionery and related products.....	110	100.0	.8	.4	.6	.7	.1	.2	-
2071	Confectionery and related products.....	110	100.0	.8	.4	.6	.7	.1	.2	-
208	Beverages and flavoring extracts.....	278	100.0	1.4	2.3	14.7	3.7	2.1	4.8	.9
2087	Miscellaneous flavoring extracts, sirups, and flavoring compounds (except chocolate sirups).....	20	100.0	-	-	1.1	.5	1.5	.7	.1
20871	Flavoring extracts, emulsions, and flavoring compounds.....	20	100.0	-	-	1.1	.5	1.5	.7	.1
231	Men's, youths', and boys' clothing.....	24	100.0	1.5	.3	1.1	.2	1.3	.6	-
2311	Men's, youths', and boys' clothing.....	24	100.0	1.5	.3	1.1	.2	1.3	.6	-
23111	Men's, youths', and boys' coats, overcoats, and suits.....	24	100.0	1.5	.3	1.1	.2	1.3	.6	-
251	Household and office furniture.....	60	100.0	1.0	.2	2.3	2.6	1.5	.4	.1
26	Pulp, paper, and allied products.....	645	100.0	2.3	.5	4.0	2.3	1.3	1.0	.8
262	Paper (except building paper).....	59	100.0	.7	.6	3.8	.5	.4	.5	-
2621	Paper (except building paper).....	59	100.0	.7	.6	3.8	.5	.4	.5	-
263	Paperboard, fiberboard, and pulpboard (except insulating board).....	214	100.0	4.1	.6	5.0	3.1	2.2	1.1	1.7
2631	Paperboard, fiberboard, and pulpboard (except insulating board).....	214	100.0	4.1	.6	5.0	3.1	2.2	1.1	1.7
26311	Paperboard, fiberboard, and pulpboard (except insulating board).....	214	100.0	4.1	.6	5.0	3.1	2.2	1.1	1.7
264	Converted paper and paperboard products (except containers and boxes).....	190	100.0	1.2	.1	3.0	2.2	.4	1.2	.2
265	Containers, boxes and related products, paperboard, fiberboard, and pulpboard	138	100.0	2.2	.5	4.7	2.4	1.7	1.1	.7
2651	Containers, boxes, baskets, pallets and skids, paperboard, fiberboard, and pulpboard.....	81	100.0	2.2	-	6.8	3.7	2.3	1.6	1.0
26511	Containers and boxes, paperboard, fiberboard, and pulpboard.....	81	100.0	2.2	-	6.8	3.7	2.3	1.6	1.0
28	Chemicals and allied products.....	1,532	100.0	2.9	1.0	1.8	4.3	2.0	.8	.3
281	Industrial chemicals.....	678	100.0	3.3	1.2	2.2	7.0	2.8	1.0	.5
2813	Industrial gases, compressed and liquefied.....	52	100.0	.2	8.2	1.1	26.1	6.1	1.8	2.7
28139	Industrial gases, n.e.c.....	40	100.0	.3	4.7	1.4	22.7	6.5	2.0	3.3
2818	Miscellaneous industrial organic chemicals.....	139	100.0	6.9	1.8	2.0	4.7	.7	.8	.3
28189	Industrial organic chemicals, n.e.c.....	72	100.0	4.6	.6	.6	4.8	.9	.4	.3
2819	Miscellaneous industrial inorganic chemicals.....	135	100.0	2.5	.4	.9	5.6	4.5	1.6	.8
28193	Sulphuric acid.....	8	100.0	.1	-	5.4	34.7	34.0	4.0	.2

See footnotes at end of table.

TABLE 4. Percent Distribution of Commodities, by Production Area of Destination: 1967--Continued

TCC code	Commodity	Percent distribution by production area ¹ of destination--Continued									
		8 (HARR)	9 (SYRA)	10 (BUFF)	11 (CLEV)	12 (PITT)	13 (DETR)	14 (CINC)	15 (CHIC)	16 (MILW)	17 (M-SP)
	TON-MILES OF SHIPMENTS										
	Production Area 05, total.....	0.2	0.9	0.8	1.2	0.6	1.5	0.5	1.9	0.3	0.2
20	Food and kindred products.....	1.8	1.9	2.0	2.0	2.1	1.5	1.3	4.7	.1	.2
201	Meat, poultry, and small game; fresh, chilled or frozen.....	.7	.6	.2	.4	2.3	.1	-	.4	.1	-
202	Dairy products.....	9.3	-	-	-	-	-	-	-	-	-
203	Canned and preserved fruits, vegetables, and seafoods.....	.8	1.7	1.8	-	1.4	.3	1.8	7.3	-	-
2033	Canned fruits and vegetables.....	.4	5.8	3.5	.1	-	1.0	.3	3.3	.1	-
207	Confectionery and related products.....	.1	.3	.5	.8	.4	3.4	2.9	3.6	.1	.5
2071	Confectionery and related products.....	.1	.3	.5	.8	.4	3.4	2.9	3.6	.1	.5
208	Beverages and flavoring extracts.....	2.3	.2	1.6	.9	4.2	.4	2.2	5.5	.4	.7
2087	Miscellaneous flavoring extracts, sirups, and flavoring compounds (except chocolate sirups).....	.3	-	2.9	2.9	2.4	-	10.8	4.7	.8	-
20871	Flavoring extracts, emulsions, and flavoring compounds.....	.3	-	2.9	2.9	2.4	-	10.8	4.7	.8	-
231	Men's, youths', and boys' clothing.....	-	.1	1.5	1.6	.8	1.3	1.7	5.9	1.3	2.6
2311	Men's, youths', and boys' clothing.....	-	.1	1.5	1.6	.8	1.3	1.7	5.9	1.3	2.6
23111	Men's, youths', and boys' coats, overcoats, and suits.....	-	.1	1.5	1.6	.8	1.3	1.7	5.9	1.3	2.6
251	Household and office furniture.....	.1	.1	1.6	2.2	.2	6.2	1.4	4.9	.7	1.2
26	Pulp, paper, and allied products.....	.7	.5	1.5	2.5	1.5	.5	2.1	5.4	.2	.2
262	Paper (except building paper).....	.9	.1	2.1	.3	.6	.1	.8	14.1	1.4	-
2621	Paper (except building paper).....	.9	.1	2.1	.3	.6	.1	.8	14.1	1.4	-
263	Paperboard, fiberboard, and pulpboard (except insulating board).....	.3	.6	2.1	-	.8	.2	1.3	8.9	-	-
2631	Paperboard, fiberboard, and pulpboard (except insulating board).....	.3	.6	2.1	-	.8	.2	1.3	8.9	-	-
26311	Paperboard, fiberboard, and pulpboard (except insulating board).....	.3	.6	2.1	-	.8	.2	1.3	8.9	-	-
264	Converted paper and paperboard products (except containers and boxes).....	.4	.3	1.1	5.0	1.8	.1	.5	1.3	.1	.7
265	Containers, boxes and related products, paperboard, fiberboard, and pulpboard	1.5	1.1	1.0	4.1	2.7	1.8	3.6	3.4	-	-
2651	Containers, boxes, baskets, pallets and skids, paperboard, fiberboard, and pulpboard.....	2.4	1.4	1.6	.4	2.5	1.3	3.7	5.9	-	-
26511	Containers and boxes, paperboard, fiberboard, and pulpboard.....	2.4	1.4	1.6	.4	2.5	1.3	3.7	5.9	-	-
28	Chemicals and allied products.....	.4	.7	1.6	2.5	.7	1.0	.7	6.4	.9	.9
281	Industrial chemicals.....	.3	.8	.9	3.3	1.3	.8	.4	5.5	.9	.8
2813	Industrial gases, compressed and liquefied.....	2.7	2.6	2.1	-	-	-	.1	-	-	-
28139	Industrial gases, n.e.c.....	1.6	3.3	2.7	-	-	-	.1	-	-	-
2818	Miscellaneous industrial organic chemicals.....	.1	1.6	.8	.9	3.8	1.3	.3	6.7	-	.1
28189	Industrial organic chemicals, n.e.c.....	.2	1.7	1.5	1.1	.5	2.5	.6	4.2	-	.7
2819	Miscellaneous industrial inorganic chemicals.....	-	.1	-	.7	2.2	.7	-	9.8	-	-
28193	Sulphuric acid.....	-	-	-	-	-	-	-	8.9	-	-

See footnotes at end of table.

TABLE 4. Percent Distribution of Commodities, by Production Area of Destination: 1967--Continued

TCC code	Commodity	Percent distribution by production area ¹ of destination--Continued									Sampling variability code ³
		18 (STLO)	19 (ATLA)	20 (DALL)	21 (HOUS)	22 (DENV)	23 (SETL)	24 (SANF)	25 (LOSA)	All other	
	TON-MILES OF SHIPMENTS										
	Production Area 05, total.....	0.3	0.6	0.7	0.6	0.1	0.5	1.9	3.4	78.0	-
20	Food and kindred products.....	.4	1.9	2.0	.3	.2	1.4	3.8	7.2	42.3	-
201	Meat, poultry, and small game; fresh, chilled or frozen.....	1.1	.1	.6	-	.3	-	.9	9.4	75.5	-
202	Dairy products.....	-	-	-	-	-	-	-	-	46.2	-
203	Canned and preserved fruits, vegetables, and seafoods.....	.2	.1	.1	-	.3	-	.8	-	47.3	-
2033	Canned fruits and vegetables.....	.6	.2	.3	-	1.1	-	2.6	-	30.3	-
207	Confectionery and related products.....	.5	18.2	14.5	.6	.3	-	28.7	7.2	14.6	-
2071	Confectionery and related products.....	.5	18.2	14.5	.6	.3	-	28.7	7.2	14.6	-
208	Beverages and flavoring extracts.....	.8	-	.6	-	.1	.1	.1	14.3	35.7	-
2087	Miscellaneous flavoring extracts, sirups, and flavoring compounds (except chocolate sirups).....	2.3	-	.1	-	-	-	1.2	40.6	27.1	-
20871	Flavoring extracts, emulsions, and flavoring compounds.....	2.3	-	.1	-	-	-	1.2	40.6	27.1	-
231	Men's, youths', and boys' clothing.....	1.0	1.3	.7	2.4	.5	3.0	8.2	9.7	51.4	-
2311	Men's, youths', and boys' clothing.....	1.0	1.3	.7	2.4	.5	3.0	8.2	9.7	51.4	-
23111	Men's, youths', and boys' coats, overcoats, and suits.....	1.0	1.3	.7	2.4	.5	3.0	8.2	9.7	51.4	-
251	Household and office furniture.....	2.2	2.0	3.5	1.6	1.3	2.1	1.8	8.5	50.3	-
26	Pulp, paper, and allied products.....	.8	1.9	2.1	.3	.9	2.1	7.3	2.7	54.6	-
262	Paper (except building paper).....	3.2	.2	5.1	-	-	-	47.8	1.7	15.1	-
2621	Paper (except building paper).....	3.2	.2	5.1	-	-	-	47.8	1.7	15.1	-
263	Paperboard, fiberboard, and pulpboard (except insulating board).....	-	.9	.4	.4	-	-	4.0	1.7	60.6	-
2631	Paperboard, fiberboard, and pulpboard (except insulating board).....	-	.9	.4	.4	-	-	4.0	1.7	60.6	-
26311	Paperboard, fiberboard, and pulpboard (except insulating board).....	-	.9	.4	.4	-	-	4.0	1.7	60.6	-
264	Converted paper and paperboard products (except containers and boxes).....	.7	3.0	2.1	.6	3.0	-	2.4	2.0	66.6	-
265	Containers, boxes and related products, paperboard, fiberboard, and pulpboard.....	1.3	3.3	4.3	-	.2	9.7	4.3	2.1	42.3	-
2651	Containers, boxes, baskets, pallets and skids, paperboard, fiberboard, and pulpboard.....	1.3	1.8	2.5	-	.4	-	4.9	3.6	48.7	-
26511	Containers and boxes, paperboard, fiberboard, and pulpboard.....	1.3	1.8	2.5	-	.4	-	4.9	3.6	48.7	-
28	Chemicals and allied products.....	.6	1.3	1.2	3.2	.4	1.3	4.4	7.3	51.4	-
281	Industrial chemicals.....	-	.1	.1	4.3	.2	.3	3.7	5.6	52.7	-
2813	Industrial gases, compressed and liquefied.....	-	.6	-	-	.8	-	-	3.5	41.4	-
28139	Industrial gases, n.e.c.....	-	.7	-	-	1.0	-	-	4.5	45.2	-
2818	Miscellaneous industrial organic chemicals.....	-	-	.1	2.3	-	-	2.7	.1	61.7	-
28189	Industrial organic chemicals, n.e.c....	-	-	-	4.4	-	-	5.3	.1	65.0	-
2819	Miscellaneous industrial inorganic chemicals.....	.1	.2	.3	.1	-	.1	-	25.5	43.9	-
28193	Sulphuric acid.....	-	-	-	-	-	-	-	-	12.7	-

See footnotes at end of table.

TABLE 4. Percent Distribution of Commodities, by Production Area of Destination: 1967 --Continued

TCC code	Commodity	Number	Percent distribution by production area ¹ of destination							
			Total	1 (BOST)	2 (HART)	3 (NYNY)	4 (N. NJ)	5 ² (PHIL)	6 (BALT)	7 (ALLN)
	TON-MILES OF SHIPMENTS--Continued	(millions of ton-miles)								
28194	Inorganic acids and phosphorus compounds (except nitric and sulphuric acid).....	45	100.0	-	-	-	1.8	-	0.9	0.9
28199	Industrial inorganic chemicals, n.e.c. (including reagent and high purity chemicals).....	41	100.0	2.5	1.4	0.2	1.4	1.5	-	-
282	Plastic materials and plasticizers, synthetic resins, rubbers, and fibers.	220	100.0	2.1	.7	2.5	2.8	3.2	.9	.2
2821	Plastic materials and plasticizers, synthetic resins, rubbers, and fibers.	220	100.0	2.1	.7	2.5	2.8	3.2	.9	.2
28211	Plastic materials and plasticizers, synthetic resins, and nonvulcanizable elastomers.....	188	100.0	2.4	.8	2.8	3.2	3.7	.8	.2
283	Drugs (biological products, medicinal chemicals, botanical products, and pharmaceutical preparations).....	83	100.0	4.5	.3	.6	.7	.1	.3	-
2831	Drugs (biological products, medicinal chemicals, botanical products, and pharmaceutical preparations).....	83	100.0	4.5	.3	.6	.7	.1	.3	-
28311	Drugs for human use.....	83	100.0	4.6	.3	.6	.7	.1	.3	-
284	Soap and detergents, cleaning preparations, perfumes, cosmetics, and other toilet preparations.....	287	100.0	2.4	1.3	1.1	2.0	.5	.8	.1
2841	Soap and other detergents (except specialty cleansers).....	46	100.0	8.7	7.3	1.4	10.9	1.7	2.9	.2
28419	Soap or detergents, n.e.c. (except synthetic organic detergents and specialty cleansers).....	46	100.0	8.7	7.3	1.4	10.9	1.7	2.9	.2
2842	Specialty cleaning, polishing, and sanitation preparations (except soap and detergents).....	182	100.0	.1	.1	1.1	.3	-	.5	-
28423	Waxes and polishing preparations and related products.....	77	100.0	.1	-	2.4	.6	-	.6	-
2843	Surface active agents, finishing agents, sulfonated oils and assistants	46	100.0	5.6	.1	.5	.1	1.2	-	-
28431	Surface active agents, finishing agents, sulfonated oils and assistants	46	100.0	5.6	.1	.5	.1	1.2	-	-
285	Paints, varnishes, lacquers, enamels, and allied products.....	35	100.0	3.0	.9	1.5	2.9	1.0	1.9	.3
2851	Paints, varnishes, lacquers, enamels, and allied products.....	35	100.0	3.0	.9	1.5	2.9	1.0	1.9	.3
28511	Paints, varnishes, lacquers, enamels, and shellacs.....	28	100.0	2.3	1.0	1.2	3.5	1.2	2.4	.2
28519	Paints, varnishes, lacquers, shellacs, enamels, and allied products, n.e.c. (including mixed shipments).....	6	100.0	6.5	.6	3.2	.5	.5	-	.1
287	Agricultural chemicals.....	26	100.0	.1	-	2.3	1.7	1.1	-	1.0
2879	Agricultural chemicals, n.e.c., and rodenticides, insecticides, fungicides, herbicides, plant hormones, and pesticides.....	26	100.0	.1	-	2.3	1.7	1.1	-	1.0
28799	Agricultural chemicals, n.e.c., and rodenticides, insecticides, fungicides, herbicides, plant hormones, and pesticides.....	26	100.0	.1	-	2.3	1.7	1.1	-	1.0
289	Miscellaneous chemical products.....	202	100.0	2.6	.6	.9	2.4	1.2	.2	.3
2899	Chemical products, n.e.c.....	147	100.0	2.5	.6	1.1	2.9	1.1	.1	.2

See footnotes at end of table.

TABLE 4. Percent Distribution of Commodities, by Production Area of Destination: 1967--Continued

TCC code	Commodity	Percent distribution by production area ¹ of destination--Continued									
		8 (HARR)	9 (SYRA)	10 (BUFF)	11 (CLEV)	12 (PITT)	13 (DETR)	14 (CINC)	15 (CHIC)	16 (MILW)	17 (M-SP)
	TON-MILES OF SHIPMENTS--Continued										
28194	Inorganic acids and phosphorus compounds (except nitric and sulphuric acid).....	-	-	-	0.8	-	-	-	2.6	-	-
28199	Industrial inorganic chemicals, n.e.c. (including reagent and high purity chemicals).....	-	0.5	-	.7	1.9	2.2	-	16.1	-	-
282	Plastic materials and plasticizers, synthetic resins, rubbers, and fibers.	0.5	-	5.5	3.1	.1	1.3	1.9	6.6	0.9	0.2
2821	Plastic materials and plasticizers, synthetic resins, rubbers, and fibers.	.5	-	5.5	3.1	.1	1.3	1.9	6.6	.9	.2
28211	Plastic materials and plasticizers, synthetic resins, and nonvulcanizable elastomers.....	.5	-	6.0	3.6	.1	1.5	1.0	7.2	1.0	.2
283	Drugs (biological products, medicinal chemicals, botanical products, and pharmaceutical preparations).....	.1	.2	.2	.5	.3	.1	.1	4.2	.1	1.3
2831	Drugs (biological products, medicinal chemicals, botanical products, and pharmaceutical preparations).....	.1	.2	.2	.5	.3	.1	.1	4.2	.1	1.3
28311	Drugs for human use.....	.1	.2	.2	.5	.3	.1	.1	4.2	.1	1.3
284	Soap and detergents, cleaning preparations, perfumes, cosmetics, and other toilet preparations.....	.1	1.6	1.5	1.7	.2	1.4	.9	9.7	1.5	.5
2841	Soap and other detergents (except specialty cleansers).....	.1	.9	1.8	2.4	.9	5.1	-	24.1	-	-
28419	Soap or detergents, n.e.c. (except synthetic organic detergents and specialty cleansers).....	.1	.9	1.8	2.4	.9	5.1	-	24.1	-	-
2842	Specialty cleaning, polishing, and sanitation preparations (except soap and detergents).....	.1	.4	1.9	1.9	.1	.8	1.3	9.1	2.2	.7
28423	Waxes and polishing preparations and related products.....	-	.7	3.9	3.8	-	.7	3.1	17.6	5.2	1.6
2843	Surface active agents, finishing agents, sulfonated oils and assistants	-	7.4	-	.4	-	-	-	-	.5	-
28431	Surface active agents, finishing agents, sulfonated oils and assistants	-	7.4	-	.4	-	-	-	-	.5	-
285	Paints, varnishes, lacquers, enamels, and allied products.....	1.6	1.3	2.3	.6	1.1	1.0	.7	1.3	.9	11.2
2851	Paints, varnishes, lacquers, enamels, and allied products.....	1.6	1.3	2.3	.6	1.1	1.0	.7	1.3	.9	11.2
28511	Paints, varnishes, lacquers, enamels, and shellacs.....	2.0	1.4	2.8	.4	.3	.7	.3	.4	-	13.1
28519	Paints, varnishes, lacquers, shellacs, enamels, and allied products, n.e.c. (including mixed shipments).....	-	-	.1	1.1	5.1	.2	2.6	5.9	5.5	.5
287	Agricultural chemicals.....	.1	-	.4	-	.8	6.1	1.4	2.6	.7	.4
2879	Agricultural chemicals, n.e.c., and rodenticides, insecticides, fungicides, herbicides, plant hormones, and pesticides.....	.1	-	.4	-	.8	6.1	1.4	2.6	.7	.4
28799	Agricultural chemicals, n.e.c., and rodenticides, insecticides, fungicides, herbicides, plant hormones, and pesticides.....	.1	-	.4	-	.8	6.1	1.4	2.6	.7	.4
289	Miscellaneous chemical products.....	.7	.4	.8	1.6	.1	.4	.4	6.8	.5	.3
2899	Chemical products, n.e.c.....	.3	.5	1.0	2.1	.1	.5	.6	4.8	.6	.4

See footnotes at end of table.

TABLE 4. Percent Distribution of Commodities, by Production Area of Destination: 1967--Continued

TCC code	Commodity	Percent distribution by production area ¹ of destination--Continued									Sampling variability code ³
		18 (STLO)	19 (ATLA)	20 (DALL)	21 (HOUS)	22 (DENV)	23 (SETL)	24 (SANF)	25 (LOSA)	All other	
	TON-MILES OF SHIPMENTS--Continued										
28194	Inorganic acids and phosphorus compounds (except nitric and sulphuric acid).....	-	-	-	-	-	-	-	73.5	19.5	-
28199	Industrial inorganic chemicals, n.e.c. (including reagent and high purity chemicals).....	0.1	0.5	0.9	0.4	-	-	-	2.6	67.0	-
282	Plastic materials and plasticizers, synthetic resins, rubbers, and fibers.	1.6	4.2	1.2	1.4	1.0	0.1	0.1	7.3	50.6	-
2821	Plastic materials and plasticizers, synthetic resins, rubbers, and fibers.	1.6	4.2	1.2	1.4	1.0	.1	.1	7.3	50.6	-
28211	Plastic materials and plasticizers, synthetic resins, and nonvulcanizable elastomers.....	.5	.2	1.4	1.7	1.1	.1	.1	8.5	51.4	-
283	Drugs (biological products, medicinal chemicals, botanical products, and pharmaceutical preparations).....	.1	3.2	9.3	4.7	2.4	9.3	4.8	6.8	45.8	-
2831	Drugs (biological products, medicinal chemicals, botanical products, and pharmaceutical preparations).....	.1	3.2	9.3	4.7	2.4	9.3	4.8	6.8	45.8	-
28311	Drugs for human use.....	.1	3.2	9.3	4.7	2.4	9.3	4.8	6.8	45.7	-
284	Soap and detergents, cleaning preparations, perfumes, cosmetics, and other toilet preparations.....	.4	1.2	2.4	1.8	.4	.1	10.8	10.9	44.7	-
2841	Soap and other detergents (except specialty cleansers).....	2.3	5.2	.4	-	-	-	-	.3	23.4	-
28419	Soap or detergents, n.e.c. (except synthetic organic detergents and specialty cleansers).....	2.3	5.2	.4	-	-	-	-	.3	23.4	-
2842	Specialty cleaning, polishing, and sanitation preparations (except soap and detergents).....	.1	.5	3.6	2.9	-	-	16.9	16.0	39.4	-
28423	Waxes and polishing preparations and related products.....	-	1.1	-	.6	-	-	.1	6.9	51.0	-
2843	Surface active agents, finishing agents, sulfonated oils and assistants	-	.1	-	-	-	-	-	-	84.1	-
28431	Surface active agents, finishing agents, sulfonated oils and assistants	-	.1	-	-	-	-	-	-	84.1	-
285	Paints, varnishes, lacquers, enamels, and allied products.....	.2	11.0	2.2	.1	-	-	1.0	1.4	50.6	-
2851	Paints, varnishes, lacquers, enamels, and allied products.....	.2	11.0	2.2	.1	-	-	1.0	1.4	50.6	-
28511	Paints, varnishes, lacquers, enamels, and shellacs.....	.3	13.6	.2	.2	-	-	1.3	.2	51.0	-
28519	Paints, varnishes, lacquers, shellacs, enamels, and allied products, n.e.c. (including mixed shipments).....	.2	2.1	12.3	-	-	-	-	7.5	45.5	-
287	Agricultural chemicals.....	.6	.2	2.0	-	-	-	.5	-	78.0	-
2879	Agricultural chemicals, n.e.c., and rodenticides, insecticides, fungicides, herbicides, plant hormones, and pesticides.....	.6	.2	2.0	-	-	-	.5	-	78.0	-
28799	Agricultural chemicals, n.e.c., and rodenticides, insecticides, fungicides, herbicides, plant hormones, and pesticides.....	.6	.2	2.0	-	-	-	.5	-	78.0	-
289	Miscellaneous chemical products.....	1.9	.1	-	3.5	-	5.1	3.5	9.8	55.9	-
2899	Chemical products, n.e.c.....	2.6	.1	-	4.4	-	-	4.2	6.9	62.1	-

See footnotes at end of table.

TABLE 4. Percent Distribution of Commodities, by Production Area of Destination: 1967 --Continued

TCC code	Commodity	Number	Percent distribution by production area ¹ of destination							
			Total	1 (BOST)	2 (HART)	3 (NYNY)	4 (N. NJ)	5 ² (PHIL)	6 (BALT)	7 (ALLN)
	TON-MILES OF SHIPMENTS--Continued	(millions of ton-miles)								
28998	Packaged chemical compounds.....	5	100.0	1.1	2.7	1.1	0.4	0.5	0.9	0.3
28999	Chemical products, n.e.c.....	107	100.0	3.1	.3	1.2	3.6	1.9	.1	.2
29	Petroleum and coal products.....	13,428	100.0	.1	-	.1	.1	1.7	.1	-
291	Products of petroleum refining.....	13,246	100.0	.1	-	.1	.1	1.7	.1	-
2911	Products of petroleum refining (except liquefied petroleum gases and petroleum coke and breeze).....	13,191	100.0	.1	-	.1	.1	1.7	.1	-
29111	Gasoline, jet fuels, and other high volatile petroleum fuels (except natural gasoline).....	164	100.0	-	.1	.4	.2	19.4	.8	.1
299	Miscellaneous petroleum and coal products.....	162	100.0	.3	.1	.2	1.8	1.3	.6	-
2991	Miscellaneous petroleum and coal products.....	162	100.0	.3	.1	.2	1.8	1.3	.6	-
30	Rubber and miscellaneous plastics products.....	323	100.0	1.2	.6	1.7	1.8	.6	.3	.1
301	Tires and inner tubes.....	49	100.0	2.6	1.4	3.7	4.8	1.8	1.0	.2
3011	Tires and inner tubes.....	49	100.0	2.6	1.4	3.7	4.8	1.8	1.0	.2
306	Miscellaneous fabricated rubber products.....	163	100.0	.8	.2	1.1	.3	.4	-	.1
3061	Miscellaneous fabricated rubber products.....	163	100.0	.8	.2	1.1	.3	.4	-	.1
307	Miscellaneous plastic products.....	111	100.0	1.2	.8	1.7	2.5	.4	.4	-
3071	Miscellaneous plastic products.....	111	100.0	1.2	.8	1.7	2.5	.4	.4	-
30714	Unsupported vinyl and polyethylene film and sheeting.....	39	100.0	2.0	1.6	1.9	2.8	.1	.4	-
32	Stone, clay, and glass products.....	423	100.0	5.0	2.9	3.0	2.9	3.0	2.2	1.0
322	Glass and glassware, pressed and blown.....	51	100.0	8.9	4.3	8.4	10.5	5.6	7.6	.3
3221	Glass containers, caps and covers.....	51	100.0	9.0	4.3	8.2	10.6	5.7	7.7	.3
325	Structural clay products.....	184	100.0	7.7	2.4	1.5	.7	2.0	1.1	.6
329	Abrasives, asbestos, and miscellaneous nonmetallic mineral products.....	139	100.0	1.7	1.2	1.8	.7	.4	.9	1.8
3291	Abrasive products.....	19	100.0	.1	.1	.1	.3	.2	-	.1
32912	Nonmetallic bonded abrasive products...	15	100.0	.2	.1	.1	.4	.2	-	.2
3292	Asbestos products.....	48	100.0	1.9	1.3	1.5	.2	.6	.5	-
33	Primary metal products.....	1,180	100.0	2.7	2.2	1.2	2.0	1.2	.4	.8
331	Steel works and rolling mill products..	1,019	100.0	2.8	2.4	.9	2.0	1.2	.3	.8
3312	Primary iron and steel products (except coke-oven products).....	907	100.0	3.0	2.6	1.0	2.1	1.3	.3	.9
33122	Plates, iron and steel.....	282	100.0	7.9	2.9	.5	1.9	1.3	.3	.6
33123	Sheet and strip, iron and steel (except tin mill products).....	292	100.0	1.1	4.0	2.4	2.5	1.9	.4	2.1
332	Iron and steel castings.....	57	100.0	3.3	1.6	5.0	3.7	1.8	2.4	1.2
3321	Iron and steel castings.....	57	100.0	3.3	1.6	5.0	3.7	1.8	2.4	1.2
333	Nonferrous metals primary smelter products (slab, ingot, pig, etc., and residues).....	12	100.0	9.1	6.1	5.7	3.3	2.5	.7	1.9
335	Nonferrous metal basic shapes.....	53	100.0	.6	.2	2.7	2.2	1.3	.1	.2
336	Nonferrous and nonferrous base alloy castings.....	6	100.0	2.4	5.8	.6	2.8	1.3	4.0	-
339	Miscellaneous primary metal products...	34	100.0	2.1	.1	.4	.2	.4	-	-
3391	Iron and steel forgings.....	33	100.0	2.1	.1	.4	.2	.4	-	-
33911	Iron and steel forgings.....	33	100.0	2.1	.1	.4	.2	.4	-	-

See footnotes at end of table.

TABLE 4. Percent Distribution of Commodities, by Production Area of Destination: 1967--Continued

TCC code	Commodity	Percent distribution by production area ¹ of destination--Continued									
		8 (HARR)	9 (SYRA)	10 (BUFF)	11 (CLEV)	12 (PITT)	13 (DETR)	14 (CINC)	15 (CHIC)	16 (MILW)	17 (M-SP)
	TON-MILES OF SHIPMENTS--Continued										
28998	Packaged chemical compounds.....	0.9	8.7	0.2	1.2	1.8	9.9	0.1	2.4	2.9	-
28999	Chemical products, n.e.c.....	.3	.1	1.3	2.2	-	.1	-	2.1	-	0.5
29	Petroleum and coal products.....	-	1.0	.2	.4	.1	1.1	-	.2	-	-
291	Products of petroleum refining.....	-	1.0	.2	.4	.1	1.0	-	.1	-	-
2911	Products of petroleum refining (except liquefied petroleum gases and petroleum coke and breeze).....	-	1.0	.1	.5	.1	1.0	-	.1	-	-
29111	Gasoline, jet fuels, and other high volatile petroleum fuels (except natural gasoline).....	-	76.0	.5	-	-	-	-	-	-	-
299	Miscellaneous petroleum and coal products.....	-	-	.1	.3	.1	3.8	-	7.2	.6	-
2991	Miscellaneous petroleum and coal products.....	-	-	.1	.3	.1	3.8	-	7.2	.6	-
30	Rubber and miscellaneous plastics products.....	.1	.2	.7	1.6	.4	3.4	.7	12.0	.3	.4
301	Tires and inner tubes.....	.1	.6	.2	2.9	.8	4.2	-	5.1	.4	-
3011	Tires and inner tubes.....	.1	.6	.2	2.9	.8	4.2	-	5.1	.4	-
306	Miscellaneous fabricated rubber products.....	-	.2	.3	1.3	.3	.2	.1	16.3	.4	.5
3061	Miscellaneous fabricated rubber products.....	-	.2	.3	1.3	.3	.2	.1	16.3	.4	.5
307	Miscellaneous plastic products.....	.1	.1	1.3	1.3	.5	7.8	1.9	8.7	.1	.3
3071	Miscellaneous plastic products.....	.1	.1	1.3	1.3	.5	7.8	1.9	8.7	.1	.3
30714	Unsupported vinyl and polyethylene film and sheeting.....	.1	.1	-	.2	-	.1	1.4	17.9	-	-
32	Stone, clay, and glass products.....	1.2	.9	5.0	2.6	1.7	5.8	1.2	2.7	1.7	2.4
322	Glass and glassware, pressed and blown.	3.8	1.3	2.1	.2	-	.5	-	.2	-	-
3221	Glass containers, caps and covers.....	3.9	1.3	2.1	.2	-	.5	-	.1	-	-
325	Structural clay products.....	.9	1.4	7.9	4.3	2.9	12.3	2.4	3.0	.5	4.4
329	Abrasives, asbestos, and miscellaneous nonmetallic mineral products.....	.1	.4	1.8	2.1	.9	1.3	.6	4.0	4.3	1.6
3291	Abrasive products.....	.4	.2	.2	.8	1.0	.7	.3	1.4	.3	.2
32912	Nonmetallic bonded abrasive products...	.6	.3	.3	1.0	1.3	.9	.4	1.7	.4	.3
3292	Asbestos products.....	-	.1	1.0	.9	1.0	1.0	.7	5.6	.1	1.3
33	Primary metal products.....	.7	1.4	3.4	4.6	3.2	.6	2.2	5.5	.7	.1
331	Steel works and rolling mill products..	.6	1.4	3.4	4.6	3.4	.7	2.3	5.3	.8	-
3312	Primary iron and steel products (except coke-oven products).....	.6	1.6	3.7	5.0	3.6	.6	2.5	5.5	.8	-
33122	Plates, iron and steel.....	.4	1.9	2.1	5.5	1.8	1.7	1.6	.1	.4	-
33123	Sheet and strip, iron and steel (except tin mill products).....	.9	2.7	7.5	6.5	7.1	.1	1.9	16.0	-	-
332	Iron and steel castings.....	3.1	1.7	6.2	12.1	1.5	-	-	2.8	-	.1
3321	Iron and steel castings.....	3.1	1.7	6.2	12.1	1.5	-	-	2.8	-	.1
333	Nonferrous metals primary smelter products (slab, ingot, pig, etc., and residues).....	.9	3.8	1.3	2.5	5.3	-	-	10.8	-	-
335	Nonferrous metal basic shapes.....	.8	1.1	2.2	1.4	2.6	.2	.2	14.1	.2	2.1
336	Nonferrous and nonferrous base alloy castings.....	7.0	1.7	4.1	4.5	1.1	.3	.1	-	1.1	-
339	Miscellaneous primary metal products...	-	.7	1.2	.2	.1	-	7.6	.7	-	.2
3391	Iron and steel forgings.....	-	.7	1.2	.2	.1	-	7.7	.7	-	.3
33911	Iron and steel forgings.....	-	.7	1.2	.2	.1	-	7.7	.7	-	.3

See footnotes at end of table.

TABLE 4. Percent Distribution of Commodities, by Production Area of Destination: 1967--Continued

TCC code	Commodity	Percent distribution by production area ¹ of destination--Continued									Sampling variability code ³
		18 (STLO)	19 (ATLA)	20 (DALL)	21 (HOUS)	22 (DENV)	23 (SETL)	24 (SANF)	25 (LOSA)	All other	
	TON-MILES OF SHIPMENTS--Continued										
28998	Packaged chemical compounds.....	0.2	3.4	0.7	0.5	-	0.8	6.7	0.7	51.9	-
28999	Chemical products, n.e.c.....	3.6	-	-	5.9	-	-	-	-	73.5	-
29	Petroleum and coal products.....	-	-	-	-	-	-	.4	-	94.5	-
291	Products of petroleum refining.....	-	-	-	-	-	-	-	-	95.1	-
2911	Products of petroleum refining (except liquefied petroleum gases and petroleum coke and breeze).....	-	-	-	-	-	-	-	-	95.1	-
29111	Gasoline, jet fuels, and other high volatile petroleum fuels (except natural gasoline).....	-	-	-	-	-	-	-	-	2.5	-
299	Miscellaneous petroleum and coal products.....	-	-	-	-	-	-	35.9	.1	47.6	-
2991	Miscellaneous petroleum and coal products.....	-	-	-	-	-	-	35.9	.1	47.6	-
30	Rubber and miscellaneous plastics products.....	1.8	7.6	7.0	.8	0.2	1.7	.7	17.3	36.8	-
301	Tires and inner tubes.....	3.7	9.0	-	.3	-	-	-	8.6	48.6	-
3011	Tires and inner tubes.....	3.7	9.0	-	.3	-	-	-	8.6	48.6	-
306	Miscellaneous fabricated rubber products.....	1.6	7.1	9.2	.9	.3	.9	1.1	17.7	38.7	-
3061	Miscellaneous fabricated rubber products.....	1.6	7.1	9.2	.9	.3	.9	1.1	17.7	38.7	-
307	Miscellaneous plastic products.....	1.2	7.6	7.0	1.0	-	3.7	.6	20.5	29.3	-
3071	Miscellaneous plastic products.....	1.2	7.6	7.0	1.0	-	3.7	.6	20.5	29.3	-
30714	Unsupported vinyl and polyethylene film and sheeting.....	1.1	6.3	11.5	1.0	-	-	-	36.8	14.7	-
32	Stone, clay, and glass products.....	.2	.3	.2	1.2	.4	2.6	1.1	4.5	44.3	-
322	Glass and glassware, pressed and blown.	1.1	-	-	-	-	-	.1	.1	45.0	-
3221	Glass containers, caps and covers.....	1.1	-	-	-	-	-	-	-	45.0	-
325	Structural clay products.....	-	.5	.1	.1	-	.9	.9	4.4	37.1	-
329	Abrasives, asbestos, and miscellaneous nonmetallic mineral products.....	.2	.1	.5	3.5	1.3	6.9	2.0	6.4	53.5	-
3291	Abrasive products.....	.2	.1	.4	2.0	2.2	3.2	2.0	15.0	68.5	-
32912	Nonmetallic bonded abrasive products...	.2	.2	.6	2.7	2.9	4.2	2.7	7.9	70.2	-
3292	Asbestos products.....	.3	.1	1.3	5.5	2.8	18.6	1.9	3.6	48.2	-
33	Primary metal products.....	1.0	.2	1.2	3.1	.2	.5	2.0	17.3	41.6	-
331	Steel works and rolling mill products..	1.0	.2	1.0	2.4	.2	.3	2.2	19.7	40.1	-
3312	Primary iron and steel products (except coke-oven products).....	1.1	.3	1.2	2.4	-	-	.5	21.5	37.9	-
33122	Plates, iron and steel.....	3.2	-	3.7	3.9	-	-	1.4	21.8	35.1	-
33123	Sheet and strip, iron and steel (except tin mill products).....	-	.9	-	-	-	-	-	18.0	24.0	-
332	Iron and steel castings.....	.1	-	-	5.4	-	-	.2	.9	46.9	-
3321	Iron and steel castings.....	.1	-	-	5.4	-	-	.2	.9	46.9	-
333	Nonferrous metals primary smelter products (slab, ingot, pig, etc., and residues).....	1.2	.7	-	-	-	-	-	-	44.2	-
335	Nonferrous metal basic shapes.....	.1	.2	.7	.7	.4	6.7	.5	2.8	55.7	-
336	Nonferrous and nonferrous base alloy castings.....	-	-	7.8	-	-	-	.8	-	54.6	-
339	Miscellaneous primary metal products...	3.2	-	7.3	23.5	-	.1	3.8	5.6	42.6	-
3391	Iron and steel forgings.....	3.2	-	7.4	23.7	-	.1	3.9	5.6	42.0	-
33911	Iron and steel forgings.....	3.2	-	7.4	23.7	-	.1	3.9	5.6	42.0	-

See footnotes at end of table.

TABLE 4. Percent Distribution of Commodities, by Production Area of Destination: 1967 --Continued

TCC code	Commodity	Number	Percent distribution by production area ¹ of destination							
			Total	1 (BOST)	2 (HART)	3 (NYNY)	4 (N. NJ)	5 ² (PHIL)	6 (BALT)	7 (ALLN)
	TON-MILES OF SHIPMENTS--Continued	(millions of ton-miles)								
34	Fabricated metal products.....	443	100.0	1.5	0.8	1.6	1.7	1.2	0.5	0.5
341	Metal cans.....	55	100.0	3.2	.3	.2	1.0	.5	.7	.4
3411	Metal cans.....	55	100.0	3.2	.3	.2	1.0	.5	.7	.4
34111	Metal cans.....	55	100.0	3.2	.3	.2	1.0	.5	.7	.4
344	Structural and miscellaneous metal products.....	130	100.0	.8	1.9	3.2	3.6	3.5	.4	1.2
3441	Structural metal products.....	99	100.0	.6	2.4	3.7	4.4	3.9	.4	1.0
3443	Fabricated plate products (boiler shop products).....	19	100.0	.1	-	.7	.3	.5	-	-
345	Bolts, nuts, screws, rivets, washers, and other industrial fasteners.....	14	100.0	.4	1.2	.3	.7	.2	.7	-
3452	Bolts, nuts, screws, rivets, washers, and other industrial fasteners.....	14	100.0	.4	1.2	.3	.7	.2	.7	-
346	Metal stampings.....	177	100.0	1.6	-	.8	.8	.2	.4	-
3461	Metal stampings.....	177	100.0	1.6	-	.8	.8	.2	.4	-
348	Miscellaneous fabricated wire products.	9	100.0	10.4	2.7	7.4	2.5	1.4	2.3	-
3481	Miscellaneous fabricated wire products.	9	100.0	10.4	2.7	7.4	2.5	1.4	2.3	-
349	Miscellaneous fabricated metal products	5	100.0	.4	.6	.2	2.0	1.6	.6	.8
3499	Fabricated metal products, n.e.c.....	1	100.0	1.6	.8	.6	2.2	3.1	.6	1.9
34999	Fabricated metal products, n.e.c.....	1	100.0	.1	1.7	1.0	1.5	6.6	1.3	4.1
35	Machinery, except electrical.....	160	100.0	1.8	.2	.3	.4	.4	.1	.1
353	Construction, mining, and materials handling machinery and equipment.....	42	100.0	.5	.3	.3	.3	.2	.1	.1
3544	Special dies and tools, die sets, jigs, fixtures, and industrial molds and patterns.....	1	100.0	-	.2	-	.1	.1	.2	-
35441	Special dies and tools, die sets, jigs, and fixtures.....	1	100.0	-	.2	-	.1	.1	.2	-
355	Special industry machinery (except metalworking machinery).....	40	100.0	4.2	-	.2	.3	.2	-	-
356	General industrial machinery and equipment.....	21	100.0	1.2	.6	.6	1.2	.8	.1	.1
36	Electrical machinery and equipment.....	253	100.0	2.3	.5	1.2	.5	.6	.2	.4
364	Electric lighting and wiring equipment.	70	100.0	4.8	.6	1.0	.9	.9	.2	.3
3642	Lighting fixtures.....	68	100.0	5.0	.6	.6	.9	.9	.2	.3
36421	Electric fixtures, residential, commercial, institutional, and industrial types.....	65	100.0	5.2	.6	.6	.5	.2	.2	.3
367	Electronic components or accessories...	4	100.0	.4	.1	1.3	.2	2.2	.3	.1
3679	Miscellaneous electronic components and accessories.....	3	100.0	.5	.1	1.9	.3	.1	.3	-
36791	Miscellaneous electronic components and accessories.....	3	100.0	.5	.1	1.9	.3	.1	.3	-
37	Transportation equipment.....	266	100.0	3.0	.8	3.1	1.7	1.1	1.1	.2
371	Motor vehicles and motor vehicle equipment.....	259	100.0	3.1	.7	3.2	1.7	1.1	1.1	.1
38212	Gas, water, and other liquid meters and recording devices.....	3	100.0	.2	.2	.2	.4	.3	-	-
39	Miscellaneous products of manufacturing	52	100.0	3.5	.1	.7	.2	-	.2	.1
399	Miscellaneous manufactured products....	29	100.0	6.1	-	.6	.2	-	.2	.2

See footnotes at end of table.

TABLE 4. Percent Distribution of Commodities, by Production Area of Destination: 1967--Continued

TCC code	Commodity	Percent distribution by production area ¹ of destination--Continued									
		8 (HARR)	9 (SYRA)	10 (BUFF)	11 (CLEV)	12 (PITT)	13 (DETR)	14 (CINC)	15 (CHIC)	16 (MILW)	17 (M-SP)
	TON-MILES OF SHIPMENTS--Continued										
34	Fabricated metal products.....	0.1	0.2	0.9	5.1	1.0	10.9	1.6	1.0	0.2	1.7
341	Metal cans.....	.3	-	1.4	.6	.9	-	.1	1.3	-	2.3
3411	Metal cans.....	.3	-	1.4	.6	.9	-	.1	1.3	-	2.3
34111	Metal cans.....	.3	-	1.4	.6	.9	-	.1	1.3	-	2.3
344	Structural and miscellaneous metal products.....	.2	.3	-	1.0	1.6	.5	.1	.6	.3	-
3441	Structural metal products.....	.2	.3	-	.2	2.0	.6	-	.7	-	-
3443	Fabricated plate products (boiler shop products).....	-	-	.1	.3	-	-	-	-	2.3	-
345	Bolts, nuts, screws, rivets, washers, and other industrial fasteners.....	-	-	2.2	4.8	.1	11.7	1.8	9.9	2.5	1.4
3452	Bolts, nuts, screws, rivets, washers, and other industrial fasteners.....	-	-	2.2	4.8	.1	11.7	1.8	9.9	2.5	1.4
346	Metal stampings.....	-	.2	1.4	10.1	.2	19.6	.2	.3	-	3.3
3461	Metal stampings.....	-	.2	1.4	10.1	.2	19.6	.2	.3	-	3.3
348	Miscellaneous fabricated wire products.	-	1.7	-	14.1	-	.9	-	2.5	-	-
3481	Miscellaneous fabricated wire products.	-	1.7	-	14.1	-	.9	-	2.5	-	-
349	Miscellaneous fabricated metal products	-	.2	1.8	3.6	.1	2.0	.3	4.3	.8	-
3499	Fabricated metal products, n.e.c.....	-	-	1.3	12.7	-	6.8	-	9.3	-	-
34999	Fabricated metal products, n.e.c.....	-	-	-	19.8	.1	13.4	.1	14.7	-	-
35	Machinery, except electrical.....	.1	.3	3.0	.7	.7	1.0	.8	3.6	5.9	.5
353	Construction, mining, and materials handling machinery and equipment.....	.1	.5	8.5	.4	.6	.5	1.9	6.6	20.8	.3
3544	Special dies and tools, die sets, jigs, fixtures, and industrial molds and patterns.....	-	-	1.8	5.4	-	.3	-	69.0	-	-
35441	Special dies and tools, die sets, jigs, and fixtures.....	-	-	1.8	5.4	-	.3	-	69.0	-	-
355	Special industry machinery (except metalworking machinery).....	-	.1	.2	.1	.1	.3	.1	.2	.4	-
356	General industrial machinery and equipment.....	.3	.1	3.0	3.1	.2	1.0	.7	9.9	2.7	.9
36	Electrical machinery and equipment.....	.2	.4	.9	3.4	1.4	1.8	.6	5.2	.4	1.4
364	Electric lighting and wiring equipment.	.2	.5	1.3	2.3	1.2	2.7	1.4	4.5	.9	2.8
3642	Lighting fixtures.....	.2	.5	1.3	2.3	1.0	2.8	.7	4.5	.9	2.8
36421	Electric fixtures, residential, commercial, institutional, and industrial types.....	.2	.5	1.4	2.4	1.1	2.9	.7	4.3	.9	3.0
367	Electronic components or accessories...	-	.5	.1	.1	-	.1	.6	4.2	-	1.2
3679	Miscellaneous electronic components and accessories.....	-	.8	.1	.1	-	.1	.9	6.1	.1	1.8
36791	Miscellaneous electronic components and accessories.....	-	.8	.1	.1	-	.1	.9	6.1	.1	1.8
37	Transportation equipment.....	.2	1.1	1.9	1.2	1.7	6.3	3.4	1.2	.1	.9
371	Motor vehicles and motor vehicle equipment.....	.2	1.1	1.9	1.2	1.7	6.4	3.5	1.3	.1	.9
38212	Gas, water, and other liquid meters and recording devices.....	-	-	.5	.8	.5	.9	.3	9.5	.2	1.4
39	Miscellaneous products of manufacturing	-	.3	1.3	.3	.4	1.7	.5	7.8	.2	.9
399	Miscellaneous manufactured products....	.1	.1	1.5	.3	.4	1.9	.4	10.8	.1	.8

See footnotes at end of table.

TABLE 4. Percent Distribution of Commodities, by Production Area of Destination: 1967--Continued

TCC code	Commodity	Percent distribution by production area ¹ of destination--Continued									Sampling vari- ability code ³
		18 (STLO)	19 (ATLA)	20 (DALL)	21 (HOUS)	22 (DENV)	23 (SETL)	24 (SANF)	25 (LOSA)	All other	
	TON-MILES OF SHIPMENTS--Continued										
34	Fabricated metal products.....	2.8	1.9	2.7	0.6	0.3	1.5	11.0	1.8	46.9	-
341	Metal cans.....	-	2.5	5.4	-	-	-	.1	-	78.8	-
3411	Metal cans.....	-	2.5	5.4	-	-	-	.1	-	78.8	-
34111	Metal cans.....	-	2.5	5.4	-	-	-	.1	-	78.8	-
344	Structural and miscellaneous metal products.....	4.8	-	-	1.2	-	2.0	.9	1.4	70.5	-
3441	Structural metal products.....	6.2	-	-	.2	-	-	-	-	73.2	-
3443	Fabricated plate products (boiler shop products).....	-	-	-	1.8	-	6.3	2.5	-	85.1	-
345	Bolts, nuts, screws, rivets, washers, and other industrial fasteners.....	3.4	.7	1.0	.1	-	-	.7	16.6	39.6	-
3452	Bolts, nuts, screws, rivets, washers, and other industrial fasteners.....	3.4	.7	1.0	.1	-	-	.7	16.6	39.6	-
346	Metal stampings.....	2.2	3.4	2.8	-	-	.3	24.7	1.1	26.4	-
3461	Metal stampings.....	2.2	3.4	2.8	-	-	.3	24.7	1.1	26.4	-
348	Miscellaneous fabricated wire products.	-	-	-	1.4	-	-	-	-	52.7	-
3481	Miscellaneous fabricated wire products.	-	-	-	1.4	-	-	-	-	52.7	-
349	Miscellaneous fabricated metal products	.3	4.7	8.2	10.7	-	3.2	1.6	7.1	44.9	-
3499	Fabricated metal products, n.e.c.....	1.2	.9	2.2	-	-	10.3	.1	23.5	20.9	-
34999	Fabricated metal products, n.e.c.....	2.5	2.0	3.8	-	-	-	.2	2.5	24.6	-
35	Machinery, except electrical.....	.7	.3	.3	5.6	1.3	.5	9.9	2.9	58.6	-
353	Construction, mining, and materials handling machinery and equipment.....	.4	.2	.8	1.6	1.6	1.1	3.2	1.5	47.6	-
3544	Special dies and tools, die sets, jigs, fixtures, and industrial molds and patterns.....	.5	-	-	-	-	-	-	-	22.4	-
35441	Special dies and tools, die sets, jigs, and fixtures.....	.5	-	-	-	-	-	-	-	22.4	-
355	Special industry machinery (except metalworking machinery).....	.1	.2	.1	1.3	-	-	34.8	3.5	53.6	-
356	General industrial machinery and equipment.....	2.6	.8	.1	4.2	.9	1.4	1.1	7.7	54.7	-
36	Electrical machinery and equipment.....	1.3	1.4	1.0	.9	2.0	1.6	3.7	13.8	52.9	-
364	Electric lighting and wiring equipment.	1.0	3.9	1.1	.1	2.4	3.6	.6	18.6	42.2	-
3642	Lighting fixtures.....	1.0	4.0	1.1	.1	2.5	3.8	.4	19.1	42.5	-
36421	Electric fixtures, residential, com- mercial, institutional, and industrial types.....	1.1	4.2	1.2	.1	2.2	3.9	.4	19.9	42.0	-
367	Electronic components or accessories...	.2	3.1	.7	.1	.1	-	3.4	26.2	54.8	-
3679	Miscellaneous electronic components and and accessories.....	.3	-	1.0	.1	.1	-	4.8	13.3	67.2	-
36791	Miscellaneous electronic components and accessories.....	.3	-	1.0	.1	.1	-	4.8	13.3	67.2	-
37	Transportation equipment.....	.1	8.2	.9	1.9	-	2.0	2.4	2.3	53.2	-
371	Motor vehicles and motor vehicle equipment.....	.1	8.5	.9	1.9	-	2.1	2.2	1.7	53.3	-
38212	Gas, water, and other liquid meters and recording devices.....	.4	.6	1.4	7.5	-	.2	9.0	8.8	56.7	-
39	Miscellaneous products of manufacturing	1.7	5.0	14.1	1.2	.4	8.9	12.1	7.1	31.3	-
399	Miscellaneous manufactured products....	3.0	8.3	22.8	1.4	-	.1	12.1	1.4	27.0	-

¹Designations below the area numbers are used to help identify the area. Descriptions of production areas appear on page 4.

²Includes only those shipments that originated in one city in this area and terminated in another city in this area. Does not include shipments originating and terminating in the same city.

³Code letter indicates a sampling variability range as follows: a, 0-9 percent; b, 10-19 percent; c, 20-29 percent; and d, 30-50 percent. The variability for ton-miles has not been estimated.

PRODUCTION AREA 6

Consists of one Standard Metropolitan Statistical Area:
Baltimore, Md.

SUMMARY

The estimates of tons and ton-miles are based on reports from a sample of shipments by approximately 156 manufacturing establishments located in this Production Area. The total tons and ton-miles represent the total inter-city shipments by essentially all manufacturing establishments in the area, except for plants with less than 20 employees. However, since the data are based on a sample, the estimates necessarily are subject to "sampling variability."

The approximate degree of sampling variability for tons for each commodity or commodity class is indicated in the last column of tables 1 to 4. In general, most of the commodity data in this report are subject to substantial sampling variability and should be treated as approximate rather than precise measures.

About 12.0 million tons of commodities were shipped by plants in this area to destinations beyond the local area. These shipments generated 3.2 billion ton-miles by all means of transport combined, and averaged about 262 straight-line miles per ton shipped.

Motor carriers are the dominant means of transport, hauling 46 percent of the total tons shipped. When measured in terms of ton-miles, rather than tons, rails become the dominant means of transport, accounting for slightly more than half the total ton-miles.

Comparisons between 1967 and 1963 data are presented in tables A through D. The 1967 survey is comparable with 1963, except for the exclusion from the survey, in 1967, of plants with less than 20 employees. Nationally, those plants accounted for only 4 percent of the total tons originated in the 1963 survey.

**Table A. PERCENT DISTRIBUTION OF SHIPMENTS
BY MEANS OF TRANSPORT**

Means of transport	All commodities	
	1967	1963
Tons of shipments.....millions..	12.0	17.8
Ton-miles.....billions..	3.2	4.9
TONS OF SHIPMENTS		
	Percent distribution	
All means of transport.....	100.0	100.0
Rail.....	33.7	20.9
Motor carrier.....	46.0	52.1
Private truck.....	17.0	13.8
Air.....	-	-
Water.....	3.1	12.6
Other.....	.2	.6
TON-MILES		
All means of transport.....	100.0	100.0
Rail.....	50.8	28.1
Motor carrier.....	35.8	37.1
Private truck.....	8.4	4.6
Air.....	.1	-
Water.....	4.3	29.2
Other.....	.6	1.0

Note: Ton-miles are the product of weight times distance on a straight-line distance basis.

**Table B. AVERAGE LENGTH OF HAUL
BY MEANS OF TRANSPORT**

Means of transport	(Straight-line miles)	
	All commodities	
	1967	1963
All means of transport.....	262	276
Rail.....	394	371
Motor carrier.....	204	196
Private truck.....	129	91

Note: Average length of haul is based on straight-line miles from plant to customer or redistribution point, weighted by tonnage shipped (i.e., ton-miles divided by tons). Rail short-line and highway direct-route distances average about 24 and 21 percent, respectively, longer than straight-line distances.

**Table C. PERCENT DISTRIBUTION OF SHIPMENTS
BY DISTANCE OF SHIPMENT**

Distance shipped	All commodities	
	1967	1963
TONS OF SHIPMENTS		
All distances.....	100.0	100.0
Under 100 miles.....	37.5	36.5
100 to 199 miles.....	24.6	21.9
200 to 299 miles.....	13.7	15.1
300 to 499 miles.....	11.4	11.6
500 to 999 miles.....	9.1	12.5
1,000 to 1,499 miles.....	2.1	1.1
1,500 miles and over.....	1.6	1.3

**Table D. PERCENT DISTRIBUTION OF SHIPMENTS
BY AREA OF DESTINATION**

Area of destination	All commodities	
	1967	1963
Tons of shipments.....thousands..	12,045	17,833
Ton-miles.....millions..	3,151	4,916
TONS OF SHIPMENTS		
	Percent distribution	
All areas.....	100.0	100.0
Production Area 06 ¹	5.0	1.5
Other production areas.....	46.6	40.8
All other areas.....	48.4	57.7
TON-MILES		
All areas.....	100.0	100.0
Production Area 06 ¹.....	.5	.2
Other production areas.....	52.5	34.4
All other areas.....	47.0	65.4

¹Includes only those shipments that originated in one city in this area and terminated in another city in this area.

TABLE 1. Percent Distribution of Commodities, by Means of Transport: 1967

TCC code	Commodity	Number	Percent distribution by means of transport								Sampling variability code ¹
			All means of transport	Rail	Motor carrier	Private truck	Air	Water	Other	Unknown	
	TONS OF SHIPMENTS	(thousands of tons)									
	Production Area 06, total.....	12,045	100.0	33.7	46.0	17.0	-	3.1	0.2	-	-
20	Food and kindred products.....	1,810	100.0	19.9	44.6	34.5	-	1.0	-	-	b
208	Beverages and flavoring extracts.....	706	100.0	8.1	52.6	36.7	-	2.6	-	-	c
23	Apparel, including knit apparel, and other finished textile products.....	22	100.0	-	83.3	1.2	4.7	-	10.8	-	d
26	Pulp, paper, and allied products.....	269	100.0	9.5	69.1	20.7	-	-	.7	-	d
265	Containers, boxes and related products, paperboard, fiberboard, and pulpboard.	161	100.0	8.3	64.1	26.6	-	-	1.0	-	d
2651	Containers, boxes, baskets, pallets and skids, paperboard, fiberboard, and pulpboard.....	137	100.0	8.1	61.6	29.6	-	-	.7	-	d
26511	Containers and boxes, paperboard, fiberboard, and pulpboard.....	137	100.0	8.1	61.6	29.6	-	-	.7	-	d
28	Chemicals and allied products.....	2,188	100.0	31.6	40.4	16.1	-	11.8	.1	-	c
281	Industrial chemicals.....	627	100.0	39.6	45.4	7.6	-	7.2	.2	-	d
2819	Miscellaneous industrial inorganic chemicals.....	91	100.0	30.1	66.2	3.6	.1	-	-	-	d
282	Plastic materials and plasticizers, synthetic resins, rubbers, and fibers.	44	100.0	48.3	40.1	11.6	-	-	-	-	d
2821	Plastic materials and plasticizers, synthetic resins, rubbers, and fibers.	44	100.0	48.3	40.1	11.6	-	-	-	-	d
284	Soap and detergents, cleaning preparations, perfumes, cosmetics, and other toilet preparations.....	517	100.0	23.1	71.3	5.1	-	.5	-	-	a
2842	Specialty cleaning, polishing, and sanitation preparations (except soap and detergents).....	43	100.0	.9	91.1	7.7	-	.3	-	-	d
285	Paints, varnishes, lacquers, enamels, and allied products.....	79	100.0	4.8	73.9	20.6	-	.6	.1	-	d
2851	Paints, varnishes, lacquers, enamels, and allied products.....	79	100.0	4.8	73.9	20.6	-	.6	.1	-	d
28511	Paints, varnishes, lacquers, enamels, and shellacs.....	79	100.0	4.8	73.8	20.7	-	.6	.1	-	d
30	Rubber and miscellaneous plastics products.....	46	100.0	28.9	67.6	2.6	.6	-	.3	-	b
322	Glass and glassware, pressed and blown.	168	100.0	4.3	70.6	25.0	-	-	.1	-	d
3221	Glass containers, caps and covers.....	168	100.0	4.3	70.6	25.0	-	-	.1	-	d
335	Nonferrous metal basic shapes.....	535	100.0	72.9	25.7	.5	-	-	.8	0.1	a
34	Fabricated metal products.....	589	100.0	13.9	66.6	12.8	-	6.5	.2	-	b
341	Metal cans.....	107	100.0	5.8	81.6	12.4	-	.2	-	-	a
3411	Metal cans.....	107	100.0	5.8	81.6	12.4	-	.2	-	-	a
34111	Metal cans.....	107	100.0	5.8	81.6	12.4	-	.2	-	-	a
344	Structural and miscellaneous metal products.....	191	100.0	23.9	36.6	19.1	-	19.9	.5	-	d
35	Machinery, except electrical.....	63	100.0	2.8	56.9	38.5	.6	.5	.7	-	d
359	Miscellaneous machinery and parts (except electrical).....	14	100.0	-	89.2	8.8	1.4	-	.6	-	d
3599	Miscellaneous machinery and parts (except electrical).....	14	100.0	-	89.2	8.8	1.4	-	.6	-	d
35999	Machinery and parts, n.e.c. (except electrical).....	13	100.0	-	89.4	9.3	1.2	-	.1	-	d
36	Electrical machinery and equipment.....	26	100.0	25.9	63.4	3.5	1.6	1.6	3.4	.6	d

See footnote at end of table.

TABLE 1. Percent Distribution of Commodities, by Means of Transport: 1967--Continued

TCC code	Commodity	Number	Percent distribution by means of transport								Sampling variability code ¹
			All means of transport	Rail	Motor carrier	Private truck	Air	Water	Other	Unknown	
	TON-MILES OF SHIPMENTS	(millions of ton-miles)									
	Production Area 06, total.....	3,151	100.0	50.8	35.8	8.4	0.1	4.3	0.6	-	-
20	Food and kindred products.....	425	100.0	31.3	40.0	25.2	-	3.5	-	-	-
208	Beverages and flavoring extracts.....	196	100.0	13.6	38.8	39.9	-	7.7	-	-	-
23	Apparel, including knit apparel, and other finished textile products.....	11	100.0	-	77.8	4.4	8.7	-	9.1	-	-
26	Pulp, paper, and allied products.....	84	100.0	16.7	70.6	9.4	-	.1	3.2	-	-
265	Containers, boxes and related products, paperboard, fiberboard, and pulpboard.	52	100.0	16.3	64.7	14.1	-	-	4.9	-	-
2651	Containers, boxes, baskets, pallets and skids, paperboard, fiberboard, and pulpboard.....	43	100.0	15.3	64.2	15.9	-	-	4.6	-	-
26511	Containers and boxes, paperboard, fiberboard, and pulpboard.....	43	100.0	15.3	64.2	15.9	-	-	4.6	-	-
28	Chemicals and allied products.....	553	100.0	53.1	34.6	8.4	-	3.9	-	-	-
281	Industrial chemicals.....	150	100.0	56.9	28.5	8.6	-	6.0	-	-	-
2819	Miscellaneous industrial inorganic chemicals.....	28	100.0	36.9	54.6	8.4	.1	-	-	-	-
282	Plastic materials and plasticizers, synthetic resins, rubbers, and fibers.	30	100.0	62.4	31.3	6.3	-	-	-	-	-
2821	Plastic materials and plasticizers, synthetic resins, rubbers, and fibers.	30	100.0	62.4	31.3	6.3	-	-	-	-	-
284	Soap and detergents, cleaning preparations, perfumes, cosmetics, and other toilet preparations.....	148	100.0	48.4	48.1	3.1	-	.4	-	-	-
2842	Specialty cleaning, polishing, and sanitation preparations (except soap and detergents).....	10	100.0	2.4	83.4	12.3	-	1.8	.1	-	-
285	Paints, varnishes, lacquers, enamels, and allied products.....	30	100.0	8.9	81.7	9.0	.1	.3	-	-	-
2851	Paints, varnishes, lacquers, enamels, and allied products.....	30	100.0	8.9	81.7	9.0	.1	.3	-	-	-
28511	Paints, varnishes, lacquers, enamels, and shellacs.....	29	100.0	9.0	81.6	9.1	-	.3	-	-	-
30	Rubber and miscellaneous plastics products.....	38	100.0	64.6	32.4	2.2	.6	-	.2	-	-
322	Glass and glassware, pressed and blown.	41	100.0	15.7	73.2	10.7	-	-	.4	-	-
3221	Glass containers, caps and covers.....	41	100.0	15.7	73.2	10.7	-	-	.4	-	-
335	Nonferrous metal basic shapes.....	249	100.0	77.9	19.5	.2	.1	-	2.2	0.1	-
34	Fabricated metal products.....	165	100.0	20.6	47.1	9.6	-	22.3	.4	-	-
341	Metal cans.....	18	100.0	21.8	68.4	9.6	-	.2	-	-	-
3411	Metal cans.....	18	100.0	21.8	68.4	9.6	-	.2	-	-	-
34111	Metal cans.....	18	100.0	21.8	68.4	9.6	-	.2	-	-	-
344	Structural and miscellaneous metal products.....	79	100.0	29.5	13.6	9.5	-	46.7	.7	-	-
35	Machinery, except electrical.....	24	100.0	2.6	71.7	16.0	1.4	7.0	1.2	.1	-
359	Miscellaneous machinery and parts (except electrical).....	5	100.0	-	85.6	9.9	2.6	-	1.9	-	-
3599	Miscellaneous machinery and parts (except electrical).....	5	100.0	-	85.6	9.9	2.6	-	1.9	-	-
35999	Machinery and parts, n.e.c. (except electrical).....	5	100.0	-	86.8	10.9	2.2	-	.1	-	-
36	Electrical machinery and equipment.....	15	100.0	28.7	59.1	.5	3.4	.5	7.4	.4	-

¹Code letter indicates a sampling variability range as follows: a, 0-9 percent; b, 10-19 percent; c, 20-29 percent; and d, 30-50 percent. The variability for ton-miles has not been estimated.

TABLE 2. Percent Distribution of Commodities, by Distance of Shipment: 1967

TCC code	Commodity	Number	Percent distribution by distance of shipment								Sampling variability code ¹
			All distances	Under 100 miles	100 to 199 miles	200 to 299 miles	300 to 499 miles	500 to 999 miles	1,000 to 1,499 miles	1,500 miles or over	
	TONS OF SHIPMENTS	(thousands of tons)									
	Production Area 06, total.....	12,045	100.0	37.5	24.6	13.7	11.4	9.1	2.1	1.6	-
20	Food and kindred products.....	1,810	100.0	33.0	26.8	11.0	18.1	10.9	-	.2	b
208	Beverages and flavoring extracts.....	706	100.0	23.1	31.0	16.7	12.6	16.0	.1	.5	c
23	Apparel, including knit apparel, and other finished textile products.....	22	100.0	6.7	24.7	18.2	15.6	24.9	6.0	3.9	d
26	Pulp, paper, and allied products.....	269	100.0	24.5	31.7	7.1	22.1	11.6	.4	2.6	d
265	Containers, boxes and related products, paperboard, fiberboard, and pulpboard..	161	100.0	23.5	29.7	8.8	19.5	15.6	.5	2.4	d
2651	Containers, boxes, baskets, pallets and skids, paperboard, fiberboard, and pulpboard.....	137	100.0	22.7	31.9	9.0	19.4	14.0	.3	2.7	d
26511	Containers and boxes, paperboard, fiberboard, and pulpboard.....	137	100.0	22.7	31.9	9.0	19.4	14.0	.3	2.7	d
28	Chemicals and allied products.....	2,188	100.0	42.6	20.2	11.2	14.1	8.4	2.0	1.5	c
281	Industrial chemicals.....	627	100.0	47.0	21.9	4.3	16.5	5.4	2.9	2.0	d
2819	Miscellaneous industrial inorganic chemicals.....	91	100.0	27.5	1.6	4.7	61.3	2.2	2.7	-	d
282	Plastic materials and plasticizers, synthetic resins, rubbers, and fibers..	44	100.0	7.6	5.8	4.3	16.6	28.2	37.3	.2	d
2821	Plastic materials and plasticizers, synthetic resins, rubbers, and fibers..	44	100.0	7.6	5.8	4.3	16.6	28.2	37.3	.2	d
284	Soap and detergents, cleaning preparations, perfumes, cosmetics, and other toilet preparations.....	517	100.0	19.2	43.6	7.0	12.5	15.3	.9	1.5	a
2842	Specialty cleaning, polishing, and sanitation preparations (except soap and detergents).....	43	100.0	46.5	23.8	5.4	10.7	10.6	2.6	.4	d
285	Paints, varnishes, lacquers, enamels, and allied products.....	79	100.0	18.3	17.9	23.0	15.0	22.3	.8	2.7	d
2851	Paints, varnishes, lacquers, enamels, and allied products.....	79	100.0	18.3	17.9	23.0	15.0	22.3	.8	2.7	d
28511	Paints, varnishes, lacquers, enamels, and shellacs.....	79	100.0	18.3	17.9	23.0	15.0	22.4	.8	2.6	d
30	Rubber and miscellaneous plastics products.....	46	100.0	16.8	12.0	5.1	9.5	32.6	3.9	20.1	b
322	Glass and glassware, pressed and blown..	168	100.0	27.5	29.0	24.2	7.5	11.1	-	.7	d
3221	Glass containers, caps and covers.....	168	100.0	27.5	29.0	24.2	7.5	11.1	-	.7	d
335	Nonferrous metal basic shapes.....	535	100.0	6.5	17.8	15.6	27.2	28.3	1.9	2.7	a
34	Fabricated metal products.....	589	100.0	30.4	31.0	10.0	11.9	11.7	4.9	.1	b
341	Metal cans.....	107	100.0	35.2	51.2	4.6	4.7	2.5	1.8	-	a
3411	Metal cans.....	107	100.0	35.2	51.2	4.6	4.7	2.5	1.8	-	a
34111	Metal cans.....	107	100.0	35.2	51.2	4.6	4.7	2.5	1.8	-	a
344	Structural and miscellaneous metal products.....	191	100.0	29.0	5.2	17.3	20.7	15.2	12.6	-	d
35	Machinery, except electrical.....	63	100.0	35.1	19.5	8.7	12.6	18.0	2.3	3.8	d
359	Miscellaneous machinery and parts (except electrical).....	14	100.0	30.3	18.7	1.9	19.7	24.4	.7	4.3	d
3599	Miscellaneous machinery and parts (except electrical).....	14	100.0	30.3	18.7	1.9	19.7	24.4	.7	4.3	d
35999	Machinery and parts, n.e.c. (except electrical).....	13	100.0	32.0	19.5	1.8	18.2	23.9	.3	4.3	d
36	Electrical machinery and equipment.....	26	100.0	11.4	17.4	4.6	9.3	48.1	2.8	6.4	d

See footnote at end of table.

TABLE 2. Percent Distribution of Commodities, by Distance of Shipment: 1967--Continued

TCC code	Commodity	Number	Percent distribution by distance of shipment								Sampling variability code ¹
			All distances	Under 100 miles	100 to 199 miles	200 to 299 miles	300 to 499 miles	500 to 999 miles	1,000 to 1,499 miles	1,500 miles or over	
	TON-MILES OF SHIPMENTS	(millions of ton-miles)									
	Production Area 06, total.....	3,151	100.0	7.9	14.1	13.5	16.7	24.2	9.6	14.0	-
20	Food and kindred products.....	425	100.0	7.7	17.2	12.0	28.9	31.9	.2	2.1	-
208	Beverages and flavoring extracts.....	196	100.0	5.5	16.8	15.3	16.9	40.9	.4	4.2	-
23	Apparel, including knit apparel, and other finished textile products.....	11	100.0	.8	8.3	8.9	12.2	37.7	14.7	17.4	-
26	Pulp, paper, and allied products.....	84	100.0	5.0	16.5	6.0	27.3	24.9	1.4	18.9	-
265	Containers, boxes and related products, paperboard, fiberboard, and pulpboard..	52	100.0	4.4	14.6	7.3	24.1	31.7	2.0	15.9	-
2651	Containers, boxes, baskets, pallets and skids, paperboard, fiberboard, and pulpboard.....	43	100.0	4.5	15.9	7.6	24.4	28.7	1.3	17.6	-
26511	Containers and boxes, paperboard, fiberboard, and pulpboard.....	43	100.0	4.5	15.9	7.6	24.4	28.7	1.3	17.6	-
28	Chemicals and allied products.....	553	100.0	9.3	11.8	11.8	22.2	22.1	8.9	13.9	-
281	Industrial chemicals.....	150	100.0	8.7	13.7	4.9	25.6	14.6	13.9	18.6	-
2819	Miscellaneous industrial inorganic chemicals.....	28	100.0	4.8	.8	4.1	74.5	5.0	10.6	.2	-
282	Plastic materials and plasticizers, synthetic resins, rubbers, and fibers..	30	100.0	1.1	1.4	1.7	10.2	26.3	58.6	.7	-
2821	Plastic materials and plasticizers, synthetic resins, rubbers, and fibers..	30	100.0	1.1	1.4	1.7	10.2	26.3	58.6	.7	-
284	Soap and detergents, cleaning preparations, perfumes, cosmetics, and other toilet preparations.....	148	100.0	4.0	22.7	6.6	16.4	34.2	3.9	12.2	-
2842	Specialty cleaning, polishing, and sanitation preparations (except soap and detergents).....	10	100.0	9.3	16.5	6.1	18.7	30.5	14.4	4.5	-
285	Paints, varnishes, lacquers, enamels, and allied products.....	30	100.0	2.2	7.7	15.5	15.6	39.8	2.6	16.6	-
2851	Paints, varnishes, lacquers, enamels, and allied products.....	30	100.0	2.2	7.7	15.5	15.6	39.8	2.6	16.6	-
28511	Paints, varnishes, lacquers, enamels, and shellacs.....	29	100.0	2.2	7.8	15.6	15.7	39.9	2.6	16.2	-
30	Rubber and miscellaneous plastics products.....	38	100.0	1.2	2.2	1.5	4.2	26.2	5.6	59.1	-
322	Glass and glassware, pressed and blown..	41	100.0	8.0	18.7	22.4	11.9	32.1	-	6.9	-
3221	Glass containers, caps and covers.....	41	100.0	8.0	18.7	22.4	11.9	32.1	-	6.9	-
335	Nonferrous metal basic shapes.....	249	100.0	1.0	5.9	8.7	22.4	42.9	5.7	13.4	-
34	Fabricated metal products.....	165	100.0	6.0	16.6	9.3	15.5	30.0	22.2	.4	-
341	Metal cans.....	18	100.0	14.8	41.9	7.2	10.8	10.8	14.5	-	-
3411	Metal cans.....	18	100.0	14.8	41.9	7.2	10.8	10.8	14.5	-	-
34111	Metal cans.....	18	100.0	14.8	41.9	7.2	10.8	10.8	14.5	-	-
344	Structural and miscellaneous metal products.....	79	100.0	2.7	1.8	10.9	18.0	27.9	38.6	.1	-
35	Machinery, except electrical.....	24	100.0	6.4	8.8	5.8	12.3	34.5	7.6	24.6	-
359	Miscellaneous machinery and parts (except electrical).....	5	100.0	5.4	8.0	1.3	18.7	46.6	2.1	17.9	-
3599	Miscellaneous machinery and parts (except electrical).....	5	100.0	5.4	8.0	1.3	18.7	46.6	2.1	17.9	-
35999	Machinery and parts, n.e.c. (except electrical).....	5	100.0	5.9	8.7	1.3	17.4	47.7	1.0	18.0	-
36	Electrical machinery and equipment.....	15	100.0	.9	4.8	2.0	6.1	54.7	5.8	25.7	-

¹Code letter indicates a sampling variability range as follows: a, 0-9 percent; b, 10-19 percent; c, 20-29 percent; and d, 30-50 percent. The variability for ton-miles has not been estimated.

TABLE 3. Percent Distribution of Commodities, by Geographic Division of Destination: 1967

TCC code	Commodity	Number	Percent distribution by geographic division ¹ of destination										Sampling variability code ³
			All means of transport	New England	Middle Atlantic	East North Central	West North Central	South Atlantic	East South Central	West South Central	Mountain	Pacific ²	
	TONS OF SHIPMENTS	(thous. of tons)											
	Production Area 06, total.....	12,045	100.0	8.2	38.7	8.5	1.4	38.2	1.5	1.9	0.1	1.5	-
20	Food and kindred products.....	1,810	100.0	4.6	34.5	8.9	.1	47.1	4.2	.3	.1	.2	b
23	Apparel, including knit apparel, and other finished textile products.....	22	100.0	4.1	34.1	12.5	4.8	31.1	3.9	5.7	-	3.8	d
26	Pulp, paper, and allied products.....	269	100.0	9.7	46.5	7.0	.9	30.7	2.2	.4	.6	2.0	d
28	Chemicals and allied products.....	2,188	100.0	5.7	38.1	14.3	1.1	36.9	.9	1.5	.1	1.4	c
30	Rubber and miscellaneous plastics products.....	46	100.0	5.9	18.6	30.0	3.8	15.7	1.9	4.0	.3	19.8	b
34	Fabricated metal products.....	589	100.0	9.8	47.1	5.6	.8	31.2	.7	4.8	-	-	b
35	Machinery, except electrical.....	63	100.0	4.4	49.9	7.1	3.4	22.3	7.2	2.2	.9	2.6	d
36	Electrical machinery and equipment.....	26	100.0	4.7	18.9	37.6	6.2	20.2	3.2	2.9	.2	6.1	d
	TON-MILES OF SHIPMENTS	(millions of ton-miles)											
	Production Area 06, total.....	3,151	100.0	9.8	19.8	15.2	4.9	23.8	3.7	8.9	.7	13.2	-
20	Food and kindred products.....	425	100.0	7.1	19.3	16.9	.5	39.9	12.9	1.4	.4	1.6	-
23	Apparel, including knit apparel, and other finished textile products.....	11	100.0	2.5	12.2	12.6	9.0	27.4	4.8	14.2	.2	17.1	-
26	Pulp, paper, and allied products.....	84	100.0	11.1	21.8	11.7	2.6	28.2	4.2	1.6	3.3	15.5	-
28	Chemicals and allied products.....	553	100.0	7.3	19.5	25.1	4.1	21.3	2.2	7.1	.7	12.7	-
30	Rubber and miscellaneous plastics products.....	38	100.0	2.2	2.3	21.4	4.7	3.8	1.3	5.4	.5	58.4	-
34	Fabricated metal products.....	165	100.0	11.9	23.7	9.8	2.4	28.4	1.6	21.8	.1	.3	-
35	Machinery, except electrical.....	24	100.0	3.8	16.8	9.4	8.7	18.9	11.6	7.0	3.8	20.0	-
36	Electrical machinery and equipment.....	15	100.0	2.6	5.0	38.8	8.0	10.8	3.4	6.0	.6	24.8	-

¹States included in the geographic divisions are as follows: NEW ENGLAND--Maine, New Hampshire, Vermont, Massachusetts, Rhode Island, and Connecticut; MIDDLE ATLANTIC--New York, New Jersey, and Pennsylvania; EAST NORTH CENTRAL--Ohio, Indiana, Illinois, Michigan, and Wisconsin; WEST NORTH CENTRAL--Minnesota, Iowa, Missouri, North Dakota, South Dakota, Nebraska, and Kansas; SOUTH ATLANTIC--Delaware, Maryland, District of Columbia, Virginia, West Virginia, North Carolina, South Carolina, Georgia, and Florida; EAST SOUTH CENTRAL--Kentucky, Tennessee, Alabama, and Mississippi; WEST SOUTH CENTRAL--Arkansas, Louisiana, Oklahoma, and Texas; MOUNTAIN--Montana, Idaho, Wyoming, Colorado, New Mexico, Arizona, Utah, and Nevada; PACIFIC--Washington, Oregon, California, Alaska, and Hawaii.

²Shipments to Alaska and Hawaii from the 48 conterminous States and the District of Columbia are included; no data were obtained for shipments originating in Alaska and Hawaii.

³Code letter indicates a sampling variability range as follows: a, 0-9 percent; b, 10-19 percent; c, 20-29 percent; and d, 30-50 percent. The variability for ton-miles has not been estimated.

TABLE 4. Percent Distribution of Commodities, by Production Area of Destination: 1967

TCC code	Commodity	Number	Percent distribution by production area ¹ of destination							
			Total	1 (BOST)	2 (HART)	3 (NYNY)	4 (N. NJ)	5 (PHIL)	6 ² (BALT)	7 (ALLN)
	TONS OF SHIPMENTS	(thousands of tons)								
	Production Area 06, total.....	12,045	100.0	2.7	2.8	3.7	6.9	8.9	5.0	1.3
20	Food and kindred products.....	1,810	100.0	1.2	.9	4.0	7.2	8.0	1.8	.4
208	Beverages and flavoring extracts.....	706	100.0	1.7	2.1	5.6	4.1	12.0	1.5	.6
23	Apparel, including knit apparel, and other finished textile products.....	22	100.0	2.0	.4	20.2	2.3	2.0	.5	.4
26	Pulp, paper, and allied products.....	269	100.0	6.6	.6	15.9	7.6	11.9	.1	1.5
265	Containers, boxes and related products, paperboard, fiberboard, and pulpboard.	161	100.0	4.5	.9	9.1	8.9	9.1	.1	.9
2651	Containers, boxes, baskets, pallets and skids, paperboard, fiberboard, and pulpboard.....	137	100.0	5.1	.8	10.3	10.2	9.8	-	.9
26511	Containers and boxes, paperboard, fiberboard, and pulpboard.....	137	100.0	5.1	.8	10.3	10.2	9.8	-	.9
28	Chemicals and allied products.....	2,188	100.0	2.1	1.8	3.3	5.8	9.4	5.8	.8
281	Industrial chemicals.....	627	100.0	1.2	-	6.9	8.9	13.4	16.5	1.5
2819	Miscellaneous industrial inorganic chemicals.....	91	100.0	.2	.3	1.4	.2	5.0	4.9	.1
282	Plastic materials and plasticizers, synthetic resins, rubbers, and fibers.	44	100.0	1.7	-	.6	4.9	7.3	-	-
2821	Plastic materials and plasticizers, synthetic resins, rubbers, and fibers.	44	100.0	1.7	-	.6	4.9	7.3	-	-
284	Soap and detergents, cleaning preparations, perfumes, cosmetics, and other toilet preparations.....	517	100.0	4.1	.1	5.2	12.6	14.0	.1	.8
2842	Specialty cleaning, polishing, and sanitation preparations (except soap and detergents).....	43	100.0	1.6	1.4	8.3	4.8	4.2	.4	-
285	Paints, varnishes, lacquers, enamels, and allied products.....	79	100.0	3.0	.4	2.1	4.3	1.4	1.1	2.4
2851	Paints, varnishes, lacquers, enamels, and allied products.....	79	100.0	3.0	.4	2.1	4.3	1.4	1.1	2.4
28511	Paints, varnishes, lacquers, enamels, and shellacs.....	79	100.0	3.0	.4	2.1	4.3	1.4	1.1	2.4
30	Rubber and miscellaneous plastics products.....	46	100.0	4.0	1.9	1.5	.8	1.4	2.2	.1
322	Glass and glassware, pressed and blown.	168	100.0	3.0	16.1	7.4	12.9	16.3	.3	.4
3221	Glass containers, caps and covers.....	168	100.0	3.0	16.1	7.4	12.9	16.3	.3	.4
335	Nonferrous metal basic shapes.....	535	100.0	6.8	5.1	2.9	7.5	5.0	1.8	.1
34	Fabricated metal products.....	589	100.0	7.2	1.4	6.5	9.8	10.1	1.1	.9
341	Metal cans.....	107	100.0	.9	-	6.4	8.2	18.7	.3	.4
3411	Metal cans.....	107	100.0	.9	-	6.4	8.2	18.7	.3	.4
34111	Metal cans.....	107	100.0	.9	-	6.4	8.2	18.7	.3	.4
344	Structural and miscellaneous metal products.....	191	100.0	18.6	2.5	-	2.0	1.9	3.0	.4
35	Machinery, except electrical.....	63	100.0	3.9	.4	4.6	1.8	12.2	2.0	.1
359	Miscellaneous machinery and parts (except electrical).....	14	100.0	15.9	.3	14.2	.7	28.4	3.4	-
3599	Miscellaneous machinery and parts (except electrical).....	14	100.0	15.9	.3	14.2	.7	28.4	3.4	-
35999	Machinery and parts, n.e.c. (except electrical).....	13	100.0	16.8	.2	15.0	.5	29.8	3.6	-
36	Electrical machinery and equipment.....	26	100.0	1.2	.8	4.2	6.0	.9	3.6	.2

See footnotes at end of table.

TABLE 4. Percent Distribution of Commodities, by Production Area of Destination: 1967--Continued

TCC code	Commodity	Percent distribution by production area ¹ of destination--Continued									
		8 (HARR)	9 (SYRA)	10 (BUFF)	11 (CLEV)	12 (PITT)	13 (DETR)	14 (CINC)	15 (CHIC)	16 (MILW)	17 (M-SP)
	TONS OF SHIPMENTS										
	Production Area 06, total.....	6.1	0.7	2.4	1.4	2.2	0.6	0.7	2.0	0.3	0.2
20	Food and kindred products.....	5.0	.8	.8	.8	2.3	.3	2.1	2.2	-	-
208	Beverages and flavoring extracts.....	3.5	.5	1.1	1.5	2.4	.1	1.4	.1	-	-
23	Apparel, including knit apparel, and other finished textile products.....	.5	3.2	.5	1.5	.6	.6	.9	3.1	.7	.4
26	Pulp, paper, and allied products.....	1.3	1.4	.5	.9	.7	.5	.1	3.3	-	-
265	Containers, boxes and related products, paperboard, fiberboard, and pulpboard.	1.7	.3	.9	1.4	1.1	.7	.1	4.9	-	.1
2651	Containers, boxes, baskets, pallets and skids, paperboard, fiberboard, and pulpboard.....	1.5	.2	.8	1.0	.6	.3	.1	5.8	-	-
26511	Containers and boxes, paperboard, fiberboard, and pulpboard.....	1.5	.2	.8	1.0	.6	.3	.1	5.8	-	-
28	Chemicals and allied products.....	6.2	.9	3.0	2.8	1.0	.9	1.0	2.1	.7	-
281	Industrial chemicals.....	10.2	.1	1.8	2.2	-	2.6	1.0	.9	-	-
2819	Miscellaneous industrial inorganic chemicals.....	-	.1	4.1	3.6	-	17.6	6.6	.1	-	.2
282	Plastic materials and plasticizers, synthetic resins, rubbers, and fibers.	.2	.1	-	6.6	-	.3	-	6.1	6.4	.1
2821	Plastic materials and plasticizers, synthetic resins, rubbers, and fibers.	.2	.1	-	6.6	-	.3	-	6.1	6.4	.1
284	Soap and detergents, cleaning preparations, perfumes, cosmetics, and other toilet preparations.....	.7	.1	-	.1	2.4	.1	2.2	6.2	-	-
2842	Specialty cleaning, polishing, and sanitation preparations (except soap and detergents).....	2.5	.9	.5	.4	.8	1.2	.1	3.5	.4	-
285	Paints, varnishes, lacquers, enamels, and allied products.....	1.7	6.9	2.0	4.8	7.4	-	-	1.8	13.0	.6
2851	Paints, varnishes, lacquers, enamels, and allied products.....	1.7	6.9	2.0	4.8	7.4	-	-	1.8	13.0	.6
28511	Paints, varnishes, lacquers, enamels, and shellacs.....	1.7	6.9	2.0	4.8	7.4	-	-	1.8	13.0	.6
30	Rubber and miscellaneous plastics products.....	12.1	-	.9	.9	.2	.8	-	20.4	5.3	.7
322	Glass and glassware, pressed and blown.	8.8	-	.5	.2	.4	.2	2.5	3.2	.2	-
3221	Glass containers, caps and covers.....	8.8	-	.5	.2	.4	.2	2.5	3.2	.2	-
335	Nonferrous metal basic shapes.....	-	4.2	1.4	6.0	1.1	.7	-	4.4	2.2	-
34	Fabricated metal products.....	6.5	.8	3.8	1.3	.8	1.6	.4	2.3	.3	-
341	Metal cans.....	2.4	-	.3	.8	-	-	.7	-	-	-
3411	Metal cans.....	2.4	-	.3	.8	-	-	.7	-	-	-
34111	Metal cans.....	2.4	-	.3	.8	-	-	.7	-	-	-
344	Structural and miscellaneous metal products.....	1.2	1.3	11.3	-	-	.9	-	.5	-	-
35	Machinery, except electrical.....	2.1	1.2	.4	.6	.7	.6	.4	.8	-	.4
359	Miscellaneous machinery and parts (except electrical).....	1.3	-	.9	.5	.1	.3	-	.4	-	-
3599	Miscellaneous machinery and parts (except electrical).....	1.3	-	.9	.5	.1	.3	-	.4	-	-
35999	Machinery and parts, n.e.c. (except electrical).....	1.3	-	.9	-	.1	.2	-	.1	-	-
36	Electrical machinery and equipment.....	2.1	.1	.3	.3	.7	2.4	.5	31.2	.1	.2

See footnotes at end of table.

TABLE 4. Percent Distribution of Commodities, by Production Area of Destination: 1967--Continued

TCC code	Commodity	Percent distribution by production area ¹ of destination--Continued									Sampling variability code ³
		18 (STLO)	19 (ATLA)	20 (DALL)	21 (HOUS)	22 (DENV)	23 (SETL)	24 (SANF)	25 (LOSA)	All other	
	TONS OF SHIPMENTS										
	Production Area 06, total.....	0.4	0.8	0.4	0.7	-	0.1	0.5	0.8	48.4	-
20	Food and kindred products.....	-	.5	-	-	-	-	-	.1	61.6	b
208	Beverages and flavoring extracts.....	-	1.2	-	.1	-	-	.1	.2	60.2	c
23	Apparel, including knit apparel, and other finished textile products.....	.2	3.1	.8	1.1	-	.4	.3	1.4	52.9	d
26	Pulp, paper, and allied products.....	.4	2.4	.1	-	0.2	-	1.2	.7	42.1	d
265	Containers, boxes and related products, paperboard, fiberboard, and pulpboard..	.7	3.5	.2	-	.4	-	.5	.9	49.1	d
2651	Containers, boxes, baskets, pallets and skids, paperboard, fiberboard, and pulpboard.....	.7	2.7	-	-	.4	-	.5	1.1	47.2	d
26511	Containers and boxes, paperboard, fiberboard, and pulpboard.....	.7	2.7	-	-	.4	-	.5	1.1	47.2	d
28	Chemicals and allied products.....	.1	1.0	.6	.2	-	.1	.5	.8	49.1	c
281	Industrial chemicals.....	-	.9	1.1	.4	-	-	.8	.9	28.7	d
2819	Miscellaneous industrial inorganic chemicals.....	-	-	1.2	1.0	-	-	-	-	53.4	d
282	Plastic materials and plasticizers, synthetic resins, rubbers, and fibers..	.1	-	-	4.1	-	-	-	.2	61.3	d
2821	Plastic materials and plasticizers, synthetic resins, rubbers, and fibers..	.1	-	-	4.1	-	-	-	.2	61.3	d
284	Soap and detergents, cleaning preparations, perfumes, cosmetics, and other toilet preparations.....	-	3.1	.7	.1	-	-	.9	.2	46.3	a
2842	Specialty cleaning, polishing, and sanitation preparations (except soap and detergents).....	-	.7	.2	.9	-	-	.2	-	67.0	d
285	Paints, varnishes, lacquers, enamels, and allied products.....	.7	.2	-	.3	-	.7	.4	1.1	43.7	d
2851	Paints, varnishes, lacquers, enamels, and allied products.....	.7	.2	-	.3	-	.7	.4	1.1	43.7	d
28511	Paints, varnishes, lacquers, enamels, and shellacs.....	.7	.2	-	.3	-	.7	.4	1.0	43.8	d
30	Rubber and miscellaneous plastics products.....	.2	.2	1.0	-	.3	-	18.0	1.3	25.8	b
322	Glass and glassware, pressed and blown..	1.8	-	-	-	-	-	-	.7	25.1	d
3221	Glass containers, caps and covers.....	1.8	-	-	-	-	-	-	.7	25.1	d
335	Nonferrous metal basic shapes.....	4.0	.6	.1	-	.1	.3	-	2.0	43.7	a
34	Fabricated metal products.....	.7	1.6	2.0	.5	-	-	-	-	40.4	b
341	Metal cans.....	.8	.1	-	.1	-	-	-	-	59.9	a
3411	Metal cans.....	.8	.1	-	.1	-	-	-	-	59.9	a
34111	Metal cans.....	.8	.1	-	.1	-	-	-	-	59.9	a
344	Structural and miscellaneous metal products.....	-	-	6.2	-	-	-	-	-	50.2	d
35	Machinery, except electrical.....	1.3	-	-	.3	.9	-	.2	1.4	63.7	d
359	Miscellaneous machinery and parts (except electrical).....	5.2	-	-	.3	4.0	.1	.1	-	23.9	d
3599	Miscellaneous machinery and parts (except electrical).....	5.2	-	-	.3	4.0	.1	.1	-	23.9	d
35999	Machinery and parts, n.e.c. (except electrical).....	5.5	-	-	-	4.3	-	-	-	21.7	d
36	Electrical machinery and equipments.....	3.7	-	.1	1.5	-	-	1.3	.6	38.0	d

See footnotes at end of table.

TABLE 4. Percent Distribution of Commodities, by Production Area of Destination: 1967 --Continued

TCC code	Commodity	Number	Percent distribution by production area ¹ of destination							
			Total	1 (BOST)	2 (HART)	3 (NYNY)	4 (N. NJ)	5 (PHIL)	6 ² (BALT)	7 (ALLN)
	TON-MILES OF SHIPMENTS	(millions of ton-miles)								
	Production Area 06, total.....	3,151	100.0	3.5	2.7	2.5	4.2	2.9	0.5	0.5
20	Food and kindred products.....	425	100.0	1.9	1.0	3.0	4.8	2.9	.2	.2
208	Beverages and flavoring extracts.....	196	100.0	2.1	1.9	3.6	2.2	3.9	.1	.3
23	Apparel, including knit apparel, and other finished textile products.....	11	100.0	1.3	.2	7.0	.8	.4	-	.1
26	Pulp, paper, and allied products.....	84	100.0	7.7	.4	8.8	4.0	3.3	-	.5
265	Containers, boxes and related products, paperboard, fiberboard, and pulpboard.	52	100.0	5.0	.7	4.8	4.5	2.4	-	.3
2651	Containers, boxes, baskets, pallets and skids, paperboard, fiberboard, and pulpboard.....	43	100.0	5.8	.6	5.5	5.2	2.6	-	.3
26511	Containers and boxes, paperboard, fiberboard, and pulpboard.....	43	100.0	5.8	.6	5.5	5.2	2.6	-	.3
28	Chemicals and allied products.....	553	100.0	2.7	1.8	2.1	3.6	3.0	.5	.2
281	Industrial chemicals.....	150	100.0	1.7	-	4.6	5.2	3.9	1.6	.4
2819	Miscellaneous industrial inorganic chemicals.....	28	100.0	.3	.2	.8	.1	1.2	.4	-
282	Plastic materials and plasticizers, synthetic resins, rubbers, and fibers.	30	100.0	.9	-	.2	1.2	1.1	-	-
2821	Plastic materials and plasticizers, synthetic resins, rubbers, and fibers.	30	100.0	.9	-	.2	1.2	1.1	-	-
284	Soap and detergents, cleaning preparations, perfumes, cosmetics, and other toilet preparations.....	148	100.0	4.9	.1	3.0	7.4	4.9	-	.3
2842	Specialty cleaning, polishing, and sanitation preparations (except soap and detergents).....	10	100.0	2.4	1.7	6.6	3.4	1.5	-	-
285	Paints, varnishes, lacquers, enamels, and allied products.....	30	100.0	2.9	.3	1.0	1.8	.3	.1	.5
2851	Paints, varnishes, lacquers, enamels, and allied products.....	30	100.0	2.9	.3	1.0	1.8	.3	.1	.5
28511	Paints, varnishes, lacquers, enamels, and shellacs.....	29	100.0	2.9	.3	1.0	1.9	.3	.1	.5
30	Rubber and miscellaneous plastics products.....	38	100.0	1.7	.5	.3	.1	.1	.1	-
322	Glass and glassware, pressed and blown.	41	100.0	4.4	13.6	5.2	8.5	6.0	-	.2
3221	Glass containers, caps and covers.....	41	100.0	4.4	13.6	5.2	8.5	6.0	-	.2
335	Nonferrous metal basic shapes.....	249	100.0	4.9	2.6	1.1	2.4	1.0	.1	-
34	Fabricated metal products.....	165	100.0	9.1	1.3	4.2	5.3	3.6	.1	.3
341	Metal cans.....	18	100.0	2.0	-	6.8	7.9	10.6	-	.3
3411	Metal cans.....	18	100.0	2.0	-	6.8	7.9	10.6	-	.3
34111	Metal cans.....	18	100.0	2.0	-	6.8	7.9	10.6	-	.3
344	Structural and miscellaneous metal products.....	79	100.0	16.2	1.6	-	.6	.4	.2	.1
35	Machinery, except electrical.....	24	100.0	3.4	.3	2.1	.7	2.4	.1	-
359	Miscellaneous machinery and parts (except electrical).....	5	100.0	14.2	.2	6.4	.3	6.0	.2	-
3599	Miscellaneous machinery and parts (except electrical).....	5	100.0	14.2	.2	6.4	.3	6.0	.2	-
35999	Machinery and parts, n.e.c. (except electrical).....	5	100.0	15.6	.2	7.1	.2	6.6	.2	-
36	Electrical machinery and equipment.....	15	100.0	.8	.4	1.3	1.7	.1	.1	-

See footnotes at end of table.

TABLE 4. Percent Distribution of Commodities, by Production Area of Destination: 1967--Continued

TCC code	Commodity	Percent distribution by production area ¹ of destination--Continued									
		8 (HARR)	9 (SYRA)	10 (BUFF)	11 (CLEV)	12 (PITT)	13 (DETR)	14 (CINC)	15 (CHIC)	16 (MILW)	17 (M-SP)
	TON-MILES OF SHIPMENTS										
	Production Area 06, total.....	1.3	0.7	2.5	1.6	1.7	0.9	1.2	4.7	0.7	0.8
20	Food and kindred products.....	1.2	1.0	.9	1.0	1.9	.5	3.8	5.6	-	-
208	Beverages and flavoring extracts.....	.7	.5	1.0	1.7	1.7	.2	2.3	.2	-	-
23	Apparel, including knit apparel, and other finished textile products.....	.1	1.7	.3	.9	.2	.5	.7	3.7	.8	.7
26	Pulp, paper, and allied products.....	.2	1.2	.5	.8	.4	.6	.2	6.4	-	.1
265	Containers, boxes and related products, paperboard, fiberboard, and pulpboard.	.3	.3	.7	1.3	.7	.8	.2	9.3	-	.2
2651	Containers, boxes, baskets, pallets and skids, paperboard, fiberboard, and pulpboard.....	.3	.2	.7	1.0	.4	.4	.1	11.1	-	-
26511	Containers and boxes, paperboard, fiberboard, and pulpboard.....	.3	.2	.7	1.0	.4	.4	.1	11.1	-	-
28	Chemicals and allied products.....	1.1	1.0	3.1	3.1	.8	1.4	1.6	4.9	1.8	.1
281	Industrial chemicals.....	1.6	.2	2.1	2.6	-	4.3	1.7	2.3	-	.1
2819	Miscellaneous industrial inorganic chemicals.....	-	.1	3.6	3.5	-	22.4	8.9	.2	-	.6
282	Plastic materials and plasticizers, synthetic resins, rubbers, and fibers.	-	-	-	2.8	-	.2	-	5.6	6.2	.1
2821	Plastic materials and plasticizers, synthetic resins, rubbers, and fibers.	-	-	-	2.8	-	.2	-	5.6	6.2	.1
284	Soap and detergents, cleaning preparations, perfumes, cosmetics, and other toilet preparations.....	.1	.1	-	.1	1.6	.1	3.3	13.1	.1	-
2842	Specialty cleaning, polishing, and sanitation preparations (except soap and detergents).....	.5	1.1	.7	.6	.7	2.2	.2	9.6	1.2	-
285	Paints, varnishes, lacquers, enamels, and allied products.....	.2	4.9	1.5	3.5	4.1	-	-	2.8	22.7	1.5
2851	Paints, varnishes, lacquers, enamels, and allied products.....	.2	4.9	1.5	3.5	4.1	-	-	2.8	22.7	1.5
28511	Paints, varnishes, lacquers, enamels, and shellacs.....	.2	4.9	1.5	3.5	4.1	-	-	2.8	22.8	1.5
30	Rubber and miscellaneous plastics products.....	1.0	-	.3	.3	-	.4	-	15.1	4.1	.7
322	Glass and glassware, pressed and blown.	2.2	-	.6	.3	.3	.3	4.4	7.8	.6	-
3221	Glass containers, caps and covers.....	2.2	-	.6	.3	.3	.3	4.4	7.8	.6	-
335	Nonferrous metal basic shapes.....	-	2.5	.8	3.6	.5	.6	-	5.7	3.0	-
34	Fabricated metal products.....	1.1	.7	3.5	1.4	.6	2.3	.6	5.0	.6	.1
341	Metal cans.....	.6	-	.4	1.3	-	.1	1.8	.2	-	-
3411	Metal cans.....	.6	-	.4	1.3	-	.1	1.8	.2	-	-
34111	Metal cans.....	.6	-	.4	1.3	-	.1	1.8	.2	-	-
344	Structural and miscellaneous metal products.....	.1	.8	7.1	-	-	.9	-	.7	-	.1
35	Machinery, except electrical.....	.3	.9	.3	.5	.4	.7	.5	1.2	.1	1.0
359	Miscellaneous machinery and parts (except electrical).....	.1	-	.6	.4	.1	.3	-	.7	-	-
3599	Miscellaneous machinery and parts (except electrical).....	.1	-	.6	.4	.1	.3	-	.7	-	-
35999	Machinery and parts, n.e.c. (except electrical).....	.1	-	.7	-	-	.2	-	.1	-	-
36	Electrical machinery and equipment.....	.2	-	.1	.1	.2	1.6	.4	33.4	.1	.3

See footnotes at end of table.

TABLE 4. Percent Distribution of Commodities, by Production Area of Destination: 1967--Continued

TCC code	Commodity	Percent distribution by production area ¹ of destination--Continued									Sampling variability code ³
		18 (STLO)	19 (ATLA)	20 (DALL)	21 (HOUS)	22 (DENV)	23 (SETL)	24 (SANF)	25 (LOSA)	All other	
	TON-MILES OF SHIPMENTS										
	Production Area 06, total.....	1.0	1.7	1.6	3.4	0.2	0.5	4.7	7.0	47.0	-
20	Food and kindred products.....	-	1.2	-	.2	-	-	.5	1.0	67.2	-
208	Beverages and flavoring extracts.....	-	2.5	-	.4	-	-	1.0	1.8	71.9	-
23	Apparel, including knit apparel, and other finished textile products.....	.3	3.5	2.0	2.7	-	1.7	1.2	6.4	62.8	-
26	Pulp, paper, and allied products.....	1.0	4.4	.5	.1	1.0	.1	9.6	5.5	42.7	-
265	Containers, boxes and related products, paperboard, fiberboard, and pulpboard..	1.6	6.4	.8	-	1.7	-	4.0	6.5	47.5	-
2651	Containers, boxes, baskets, pallets and skids, paperboard, fiberboard, and pulpboard.....	1.5	5.0	.1	-	2.0	-	3.5	7.8	45.9	-
26511	Containers and boxes, paperboard, fiberboard, and pulpboard.....	1.5	5.0	.1	-	2.0	-	3.5	7.8	45.9	-
28	Chemicals and allied products.....	.2	2.3	2.9	1.1	-	.6	4.5	7.4	48.2	-
281	Industrial chemicals.....	-	2.1	5.3	2.1	-	-	8.2	8.7	41.3	-
2819	Miscellaneous industrial inorganic chemicals.....	-	-	4.7	4.2	-	-	.2	-	48.6	-
282	Plastic materials and plasticizers, synthetic resins, rubbers, and fibers..	.1	-	-	7.6	-	-	-	.7	73.3	-
2821	Plastic materials and plasticizers, synthetic resins, rubbers, and fibers..	.1	-	-	7.6	-	-	-	.7	73.3	-
284	Soap and detergents, cleaning preparations, perfumes, cosmetics, and other toilet preparations.....	-	6.3	3.0	.3	-	.1	7.8	1.5	41.9	-
2842	Specialty cleaning, polishing, and sanitation preparations (except soap and detergents).....	.1	1.8	1.2	5.2	.2	-	2.2	-	56.9	-
285	Paints, varnishes, lacquers, enamels, and allied products.....	1.3	.3	.1	1.1	-	4.2	2.5	6.8	35.6	-
2851	Paints, varnishes, lacquers, enamels, and allied products.....	1.3	.3	.1	1.1	-	4.2	2.5	6.8	35.6	-
28511	Paints, varnishes, lacquers, enamels, and shellacs.....	1.3	.3	.1	1.1	-	4.2	2.6	6.3	35.8	-
30	Rubber and miscellaneous plastics products.....	.1	.2	1.5	.1	.5	-	53.3	3.8	15.8	-
322	Glass and glassware, pressed and blown..	5.5	-	-	-	-	-	-	6.9	33.2	-
3221	Glass containers, caps and covers.....	5.5	-	-	-	-	-	-	6.9	33.2	-
335	Nonferrous metal basic shapes.....	6.2	.8	.1	-	.4	1.6	-	9.9	52.2	-
34	Fabricated metal products.....	1.7	3.3	8.6	2.2	.1	.1	-	-	44.2	-
341	Metal cans.....	3.5	.2	-	.5	-	-	-	-	63.8	-
3411	Metal cans.....	3.5	.2	-	.5	-	-	-	-	63.8	-
34111	Metal cans.....	3.5	.2	-	.5	-	-	-	-	63.8	-
344	Structural and miscellaneous metal products.....	-	-	18.1	-	-	-	-	-	53.1	-
35	Machinery, except electrical.....	2.6	.1	.1	1.0	3.7	.2	1.2	8.7	67.5	-
359	Miscellaneous machinery and parts (except electrical).....	10.3	-	-	1.1	16.3	.5	.7	.1	41.5	-
3599	Miscellaneous machinery and parts (except electrical).....	10.3	-	-	1.1	16.3	.5	.7	.1	41.5	-
35999	Machinery and parts, n.e.c. (except electrical).....	11.3	-	-	.1	17.9	-	-	-	39.7	-
36	Electrical machinery and equipment.....	4.7	-	.2	3.1	.1	.2	5.4	2.4	43.1	-

¹Designations below the area numbers are used to help identify the area. Descriptions of production areas appear on page 4.

²Includes only those shipments that originated in one city in this area and terminated in another city in this area. Does not include shipments originating and terminating in the same city.

³Code letter indicates a sampling variability range as follows: a, 0-9 percent; b, 10-19 percent; c, 20-29 percent; and d, 30-50 percent. The variability for ton-miles has not been estimated.

PRODUCTION AREA 7

Consists of two Standard Metropolitan Statistical Areas:
Allentown-Bethlehem-Easton, Pa.-N.J.; and Reading, Pa.

SUMMARY

The estimates of tons and ton-miles are based on reports from a sample of shipments by approximately 115 manufacturing establishments located in this Production Area. The total tons and ton-miles represent the total inter-city shipments by essentially all manufacturing establishments in the area, except for plants with less than 20 employees. However, since the data are based on a sample, the estimates necessarily are subject to "sampling variability."

The approximate degree of sampling variability for tons for each commodity or commodity class is indicated in the last column of tables 1 to 4. In general, most of the commodity data in this report are subject to substantial sampling variability and should be treated as approximate rather than precise measures.

About 8.3 million tons of commodities were shipped by plants in this area to destinations

beyond the local area. These shipments generated 1.6 billion ton-miles by all means of transport combined, and averaged about 196 straight-line miles per ton shipped.

Motor carrier is the dominant means of transport, hauling over 57 percent of the total tons. When measured in terms of ton-miles rather than tons, motor carrier is still dominant, accounting for almost 48 percent of the total ton-miles. Rail is the second largest mode of transport, accounting for almost 32 percent of the tons and 38 percent of the ton-miles.

Comparisons between 1967 and 1963 data are presented in tables A through D. The 1967 survey is comparable with 1963, except for the exclusion from the survey, in 1967, of plants with less than 20 employees. Nationally, those plants accounted for only 4 percent of the total tons originated in the 1963 survey.

Table A. PERCENT DISTRIBUTION OF SHIPMENTS
BY MEANS OF TRANSPORT

Means of transport	All commodities	
	1967	1963
Tons of shipments.....millions..	8.3	6.4
Ton-miles.....billions..	1.6	1.5
TONS OF SHIPMENTS		
Percent distribution		
All means of transport.....	100.0	100.0
Rail.....	31.5	40.6
Motor carrier.....	57.7	47.6
Private truck.....	10.0	11.1
Air.....	-	-
Water.....	.7	.2
Other.....	.1	.5
TON-MILES		
All means of transport.....	100.0	100.0
Rail.....	37.7	58.8
Motor carrier.....	47.7	34.3
Private truck.....	5.1	4.9
Air.....	.3	.2
Water.....	9.0	.3
Other.....	.2	1.5

Note: Ton-miles are the product of weight times distance on a straight-line distance basis.

Table C. PERCENT DISTRIBUTION OF SHIPMENTS
BY DISTANCE OF SHIPMENT

Distance shipped	All commodities	
	1967	1963
TONS OF SHIPMENTS		
All distances.....	100.0	100.0
Under 100 miles.....	59.8	56.9
100 to 199 miles.....	18.5	14.2
200 to 299 miles.....	8.4	14.1
300 to 499 miles.....	5.3	5.3
500 to 999 miles.....	4.8	4.7
1,000 to 1,499 miles.....	.9	1.9
1,500 miles and over.....	2.3	2.9

Table B. AVERAGE LENGTH OF HAUL
BY MEANS OF TRANSPORT

Means of transport	All commodities (Straight-line miles)	
	1967	1963
All means of transport.....	196	237
Rail.....	234	343
Motor carrier.....	162	170
Private truck.....	100	105

Note: Average length of haul is based on straight-line miles from plant to customer or redistribution point, weighted by tonnage shipped (i.e., ton-miles divided by tons). Rail short-line and highway direct-route distances average about 24 and 21 percent, respectively, longer than straight-line distances.

Table D. PERCENT DISTRIBUTION OF SHIPMENTS
BY AREA OF DESTINATION

Area of destination	All commodities	
	1967	1963
Tons of shipments.....thousands..	8,293	6,372
Ton-miles.....millions..	1,622	1,508
TONS OF SHIPMENTS		
Percent distribution		
All areas.....	100.0	100.0
Production Area 07 ¹	2.2	1.6
Other production areas.....	66.0	69.9
All other areas.....	31.8	28.5
TON-MILES		
All areas.....	100.0	100.0
Production Area 07 ¹.....	.3	.1
Other production areas.....	55.3	65.7
All other areas.....	44.4	34.2

¹Includes only those shipments that originated in one city in this area and terminated in another city in this area.

TABLE 1. Percent Distribution of Commodities, by Means of Transport: 1967

TCC code	Commodity	Number	Percent distribution by means of transport								Sampling variability code ¹
			All means of transport	Rail	Motor carrier	Private truck	Air	Water	Other	Unknown	
	TONS OF SHIPMENTS	(thousands of tons)									
	Production Area 07, total.....	8,293	100.0	31.5	57.7	10.0	-	0.7	0.1	-	-
20	Food and kindred products.....	618	100.0	10.4	42.0	47.6	-	-	-	-	c
207	Confectionery and related products.....	154	100.0	1.4	97.6	.8	-	.2	-	-	d
2071	Confectionery and related products.....	154	100.0	1.4	97.6	.8	-	.2	-	-	d
20711	Candy (bars, bulk, packaged).....	154	100.0	1.4	97.6	.8	-	.2	-	-	d
26	Pulp, paper, and allied products.....	222	100.0	21.0	46.5	32.3	-	.2	-	-	d
28	Chemicals and allied products.....	354	100.0	20.9	54.4	24.7	-	-	-	-	c
281	Industrial chemicals.....	240	100.0	29.9	53.4	16.7	-	-	-	-	c
31	Leather and leather products.....	4	100.0	.4	64.5	14.7	-	-	20.4	-	d
32	Stone, clay, and glass products.....	4,068	100.0	27.3	72.0	.7	-	-	-	-	c
324	Hydraulic cement.....	4,034	100.0	27.5	72.5	-	-	-	-	-	c
3241	Hydraulic cement.....	4,034	100.0	27.5	72.5	-	-	-	-	-	c
32411	Cement, hydraulic, portland, natural, masonry, and puzzolan.....	4,034	100.0	27.5	72.5	-	-	-	-	-	c
33	Primary metal products.....	455	100.0	34.7	56.8	8.5	-	-	-	-	b
332	Iron and steel castings.....	64	100.0	13.0	62.2	24.8	-	-	-	-	d
3321	Iron and steel castings.....	64	100.0	13.0	62.2	24.8	-	-	-	-	d
33219	Iron and steel castings, n.e.c.....	64	100.0	13.0	62.2	24.8	-	-	-	-	d
35	Machinery, except electrical.....	347	100.0	49.8	43.7	6.0	0.2	-	.3	-	b
355	Special industry machinery (except metalworking machinery).....	39	100.0	52.9	44.1	2.8	.2	-	-	-	d
36	Electrical machinery and equipment.....	179	100.0	.5	78.0	19.9	.2	.1	1.3	-	d
37	Transportation equipment.....	252	100.0	54.4	45.4	.2	-	-	-	-	b
	TON-MILES OF SHIPMENTS	(millions of ton-miles)									
	Production Area 07, total.....	1,622	100.0	37.7	47.7	5.1	.3	9.0	.2	-	-
20	Food and kindred products.....	190	100.0	6.5	82.5	10.4	-	.6	-	-	-
207	Confectionery and related products.....	113	100.0	.9	97.9	.1	-	1.1	-	-	-
2071	Confectionery and related products.....	113	100.0	.9	97.9	.1	-	1.1	-	-	-
20711	Candy (bars, bulk, packaged).....	113	100.0	.9	97.9	.1	-	1.1	-	-	-
26	Pulp, paper, and allied products.....	45	100.0	49.0	37.5	13.4	-	.1	-	-	-
28	Chemicals and allied products.....	116	100.0	57.0	36.2	6.8	-	-	-	-	-
281	Industrial chemicals.....	84	100.0	77.2	20.3	2.5	-	-	-	-	-
31	Leather and leather products.....	1	100.0	1.3	62.1	2.7	-	-	33.9	-	-
32	Stone, clay and glass products.....	353	100.0	32.0	66.9	1.1	-	-	-	-	-
324	Hydraulic cement.....	345	100.0	32.8	67.2	-	-	-	-	-	-
3241	Hydraulic cement.....	345	100.0	32.8	67.2	-	-	-	-	-	-
32411	Cement, hydraulic, portland, natural, masonry, and puzzolan.....	345	100.0	32.8	67.2	-	-	-	-	-	-
33	Primary metal products.....	122	100.0	38.7	58.8	2.2	-	-	.3	-	-
332	Iron and steel castings.....	14	100.0	44.7	45.1	10.1	.1	-	-	-	-
3321	Iron and steel castings.....	14	100.0	44.7	45.1	10.1	.1	-	-	-	-
33219	Iron and steel castings, n.e.c.....	14	100.0	44.7	45.1	10.1	.1	-	-	-	-
35	Machinery, except electrical.....	76	100.0	26.1	66.2	5.9	1.3	-	.5	-	-
355	Special industry machinery (except metalworking machinery).....	11	100.0	43.4	54.7	.6	1.2	-	.1	-	-
36	Electrical machinery and equipment.....	58	100.0	2.4	85.4	8.5	.0	.7	2.1	-	-
37	Transportation equipment.....	85	100.0	44.4	55.4	.2	-	-	-	-	-

¹Code letter indicates a sampling variability range as follows: a, 0-9 percent; b, 10-19 percent; c, 20-29 percent; and d, 30-50 percent. The variability for ton-miles has not been estimated.

TABLE 2. Percent Distribution of Commodities, by Distance of Shipment: 1967

TCC code	Commodity	Number	Percent distribution by distance of shipment								Sampling variability code ¹
			All distances	Under 100 miles	100 to 199 miles	200 to 299 miles	300 to 499 miles	500 to 999 miles	1,000 to 1,499 miles	1,500 miles or over	
	TONS OF SHIPMENTS	(thousands of tons)									
	Production Area 07, total.....	8,293	100.0	59.8	18.5	8.4	5.3	4.8	0.9	2.3	-
20	Food and kindred products.....	618	100.0	52.7	9.9	13.6	4.9	10.9	4.1	3.9	c
207	Confectionery and related products.....	154	100.0	20.2	9.5	9.9	10.0	23.5	11.5	15.4	d
2071	Confectionery and related products.....	154	100.0	20.2	9.5	9.9	10.0	23.5	11.5	15.4	d
20711	Candy (bars, bulk, packaged).....	154	100.0	20.2	9.5	9.9	10.0	23.5	11.5	15.4	d
26	Pulp, paper, and allied products.....	222	100.0	55.6	18.2	16.7	3.6	1.5	1.1	3.3	d
28	Chemicals and allied products.....	354	100.0	48.7	11.6	12.6	9.0	10.4	3.2	4.5	c
281	Industrial chemicals.....	240	100.0	57.0	4.9	14.6	4.7	8.3	4.3	6.2	c
31	Leather and leather products.....	4	100.0	40.3	18.0	10.1	10.3	10.6	5.8	4.9	d
32	Stone, clay, and glass products.....	4,068	100.0	73.9	23.6	1.3	.2	.9	.1	-	c
324	Hydraulic cement.....	4,034	100.0	74.0	23.7	1.3	.2	.7	.1	-	c
3241	Hydraulic cement.....	4,034	100.0	74.0	23.7	1.3	.2	.7	.1	-	c
32411	Cement, hydraulic, portland, natural, masonry, and puzzolan.....	4,034	100.0	74.0	23.7	1.3	.2	.7	.1	-	c
33	Primary metal products.....	455	100.0	32.1	16.2	16.2	24.6	8.0	.9	2.0	b
332	Iron and steel castings.....	64	100.0	45.5	25.9	9.8	8.8	6.8	1.0	2.2	d
3321	Iron and steel castings.....	64	100.0	45.5	25.9	9.8	8.8	6.8	1.0	2.2	d
33219	Iron and steel castings, n.e.c.....	64	100.0	45.5	25.9	9.8	8.8	6.8	1.0	2.2	d
35	Machinery, except electrical.....	347	100.0	52.2	19.5	16.3	2.3	4.6	2.8	2.3	b
355	Special industry machinery (except metalworking machinery).....	39	100.0	18.6	8.8	53.3	4.5	14.3	.1	.4	d
36	Electrical machinery and equipment.....	179	100.0	45.2	12.7	13.9	15.1	6.1	2.0	5.0	d
37	Transportation equipment.....	252	100.0	36.2	3.1	19.8	22.6	13.6	2.7	2.0	b
	TON-MILES OF SHIPMENTS	(millions of ton-miles)									
	Production Area 07, total.....	1,622	100.0	18.3	12.6	10.4	10.4	16.5	5.3	26.5	-
20	Food and kindred products.....	190	100.0	9.1	4.6	10.2	6.0	26.2	14.9	29.0	-
207	Confectionery and related products.....	113	100.0	1.4	2.0	3.2	5.3	22.0	18.2	47.9	-
2071	Confectionery and related products.....	113	100.0	1.4	2.0	3.2	5.3	22.0	18.2	47.9	-
20711	Candy (bars, bulk, packaged).....	113	100.0	1.4	2.0	3.2	5.3	22.0	18.2	47.9	-
26	Pulp, paper, and allied products.....	45	100.0	18.1	11.3	20.5	6.8	4.7	6.1	32.5	-
28	Chemicals and allied products.....	116	100.0	7.5	5.8	9.0	10.7	23.1	10.4	33.5	-
281	Industrial chemicals.....	84	100.0	8.4	2.2	10.0	5.4	17.9	12.8	43.3	-
31	Leather and leather products.....	1	100.0	8.3	6.2	7.1	11.6	20.0	18.1	28.7	-
32	Stone, clay, and glass products.....	353	100.0	52.0	35.0	3.5	1.0	6.8	1.7	-	-
324	Hydraulic cement.....	345	100.0	53.0	35.7	3.4	1.0	5.2	1.7	-	-
3241	Hydraulic cement.....	345	100.0	53.0	35.7	3.4	1.0	5.2	1.7	-	-
32411	Cement, hydraulic, portland, natural, masonry, and puzzolan.....	345	100.0	53.0	35.7	3.4	1.0	5.2	1.7	-	-
33	Primary metal products.....	122	100.0	6.1	7.8	15.1	31.2	19.6	3.5	16.7	-
332	Iron and steel castings.....	14	100.0	10.1	15.3	10.5	13.8	22.1	5.2	23.0	-
3321	Iron and steel castings.....	14	100.0	10.1	15.3	10.5	13.8	22.1	5.2	23.0	-
33219	Iron and steel castings, n.e.c.....	14	100.0	10.1	15.3	10.5	13.8	22.1	5.2	23.0	-
35	Machinery, except electrical.....	76	100.0	13.7	10.9	18.0	4.5	14.3	14.5	24.1	-
355	Special industry machinery (except metalworking machinery).....	11	100.0	3.8	3.8	47.5	6.7	34.7	.3	3.2	-
36	Electrical machinery and equipment.....	58	100.0	9.9	5.2	10.5	17.7	14.1	7.2	35.4	-
37	Transportation equipment.....	85	100.0	7.5	1.4	14.2	29.7	27.0	9.9	10.3	-

¹Code letter indicates a sampling variability range as follows: a, 0-9 percent; b, 10-19 percent; c, 20-29 percent; and d, 30-50 percent. The variability for ton-miles has not been estimated.

TABLE 3. Percent Distribution of Commodities, by Geographic Division of Destination: 1967

TCC code	Commodity	Number	Percent distribution by geographic division ¹ of destination										Sampling variability code ³
			All means of transport	New England	Middle Atlantic	East North Central	West North Central	South Atlantic	East South Central	West South Central	Mountain	Pacific ²	
	TONS OF SHIPMENTS	(thous. of tons)											
	Production Area 07, total.....	8,293	100.0	9.6	69.4	4.7	0.5	12.4	0.5	0.7	0.5	1.7	-
20	Food and kindred products.....	618	100.0	11.0	60.3	6.3	1.6	13.4	.9	2.8	.9	2.8	c
26	Pulp, paper, and allied products.....	222	100.0	11.8	70.9	3.0	.1	9.8	.1	1.1	1.9	1.3	d
28	Chemicals and allied products.....	354	100.0	10.5	57.7	13.2	.8	8.9	1.2	3.2	-	4.5	c
31	Leather and leather products.....	4	100.0	9.5	48.3	10.9	4.2	15.0	3.9	3.6	1.5	3.0	d
32	Stone, clay, and glass products.....	4,068	100.0	8.3	82.5	.7	.1	8.4	-	-	-	-	c
33	Primary metal products.....	455	100.0	17.2	49.1	21.7	1.4	7.3	.4	.9	.4	1.6	b
35	Machinery, except electrical.....	347	100.0	1.2	69.5	4.8	.8	18.8	.6	2.1	.2	2.0	b
36	Electrical machinery and equipment.....	179	100.0	7.3	49.7	16.7	1.7	17.3	1.2	1.2	.8	4.1	d
37	Transportation equipment.....	252	100.0	4.5	40.8	25.0	1.5	20.3	3.6	3.3	1.0	-	b
	TON-MILES OF SHIPMENTS	(millions of ton-miles)											
	Production Area 07, total.....	1,622	100.0	9.9	26.3	11.6	2.7	17.3	1.9	4.3	4.5	21.5	-
20	Food and kindred products.....	190	100.0	8.0	14.2	10.9	5.0	21.3	2.1	10.8	5.3	22.4	-
26	Pulp, paper, and allied products.....	45	100.0	15.2	31.9	6.6	.4	6.8	.4	6.0	17.9	14.8	-
28	Chemicals and allied products.....	116	100.0	8.0	12.9	22.7	2.2	8.0	2.4	10.4	.1	33.3	-
31	Leather and leather products.....	1	100.0	6.7	11.7	13.9	10.4	11.8	6.1	12.4	7.1	19.9	-
32	Stone, clay, and glass products.....	353	100.0	14.7	64.7	4.5	1.7	14.0	.4	-	-	-	-
33	Primary metal products.....	122	100.0	17.7	15.9	32.5	4.8	7.8	1.1	3.5	2.9	13.8	-
35	Machinery, except electrical.....	76	100.0	1.3	31.1	11.9	3.8	14.8	1.8	11.8	1.6	21.9	-
36	Electrical machinery and equipment.....	58	100.0	5.0	14.8	21.4	4.9	11.3	2.8	4.6	4.2	31.0	-
37	Transportation equipment.....	85	100.0	3.2	16.6	35.0	4.1	14.4	7.6	13.5	5.6	-	-

¹States included in the geographic divisions are as follows: NEW ENGLAND--Maine, New Hampshire, Vermont, Massachusetts, Rhode Island, and Connecticut; MIDDLE ATLANTIC--New York, New Jersey, and Pennsylvania; EAST NORTH CENTRAL--Ohio, Indiana, Illinois, Michigan, and Wisconsin; WEST NORTH CENTRAL--Minnesota, Iowa, Missouri, North Dakota, South Dakota, Nebraska, and Kansas; SOUTH ATLANTIC--Delaware, Maryland, District of Columbia, Virginia, West Virginia, North Carolina, South Carolina, Georgia, and Florida; EAST SOUTH CENTRAL--Kentucky, Tennessee, Alabama, and Mississippi; WEST SOUTH CENTRAL--Arkansas, Louisiana, Oklahoma, and Texas; MOUNTAIN--Montana, Idaho, Wyoming, Colorado, New Mexico, Arizona, Utah, and Nevada; PACIFIC--Washington, Oregon, California, Alaska, and Hawaii.

²Shipments to Alaska and Hawaii from the 48 conterminous States and the District of Columbia are included; no data were obtained for shipments originating in Alaska and Hawaii.

³Code letter indicates a sampling variability range as follows: a, 0-9 percent; b, 10-19 percent; c, 20-29 percent; and d, 30-50 percent. The variability for ton-miles has not been estimated.

TABLE 4. Percent Distribution of Commodities, by Production Area of Destination: 1967

TCC code	Commodity	Number	Percent distribution by production area ¹ of destination							
			Total	1 (BOST)	2 (HART)	3 (NYNY)	4 (N. NJ)	5 (PHIL)	6 (BALT)	7 ² (ALLN)
	TONS OF SHIPMENTS	(thousands of tons)								
	Production Area 07, total.....	8,293	100.0	2.3	3.3	11.5	13.2	20.4	2.5	2.2
20	Food and kindred products.....	618	100.0	2.3	1.6	6.4	8.8	14.6	1.5	5.3
207	Confectionery and related products.....	154	100.0	2.7	1.9	1.9	6.0	8.8	2.2	.2
2071	Confectionery and related products.....	154	100.0	2.7	1.9	1.9	6.0	8.8	2.2	.2
20711	Candy (bars, bulk, packaged).....	154	100.0	2.7	1.9	1.9	6.0	8.8	2.2	.2
26	Pulp, paper, and allied products.....	222	100.0	7.1	1.8	13.5	18.5	18.7	2.9	2.8
28	Chemicals and allied products.....	354	100.0	5.1	2.9	2.1	11.3	25.3	.3	3.7
281	Industrial chemicals.....	240	100.0	6.9	.2	2.6	10.1	32.9	.2	4.4
31	Leather and leather products.....	4	100.0	8.5	.8	23.7	2.0	.3	1.3	-
32	Stone, clay, and glass products.....	4,068	100.0	1.0	4.5	14.2	15.9	25.1	2.5	.4
324	Hydraulic cement.....	4,034	100.0	1.0	4.6	14.3	15.9	25.3	2.5	.4
3241	Hydraulic cement.....	4,034	100.0	1.0	4.6	14.3	15.9	25.3	2.5	.4
32411	Cement, hydraulic, portland, natural, masonry, and puzzolan.....	4,034	100.0	1.0	4.6	14.3	15.9	25.3	2.5	.4
33	Primary metal products.....	455	100.0	3.1	1.0	9.8	11.0	8.6	.5	8.7
332	Iron and steel castings.....	64	100.0	1.4	3.9	13.0	15.5	12.5	.9	8.9
3321	Iron and steel castings.....	64	100.0	1.4	3.9	13.0	15.5	12.5	.9	8.9
33219	Iron and steel castings, n.e.c.....	64	100.0	1.4	3.9	13.0	15.5	12.5	.9	8.9
35	Machinery, except electrical.....	347	100.0	.9	.1	13.9	3.2	26.5	15.2	1.0
355	Special industry machinery (except metalworking machinery).....	39	100.0	4.1	-	.1	2.2	15.6	7.3	-
36	Electrical machinery and equipment.....	179	100.0	4.4	2.6	23.9	9.3	12.9	.8	.7
37	Transportation equipment.....	252	100.0	3.8	.7	3.9	13.2	4.4	9.6	2.8
	TON-MILES OF SHIPMENTS	(millions of ton-miles)								
	Production Area 07, total.....	1,622	100.0	2.8	2.5	5.0	4.4	5.2	1.4	.3
20	Food and kindred products.....	190	100.0	1.8	.9	1.9	1.9	2.3	.5	.6
207	Confectionery and related products.....	113	100.0	.8	.5	.3	.3	.7	.4	-
2071	Confectionery and related products.....	113	100.0	.8	.5	.3	.3	.7	.4	-
20711	Candy (bars, bulk, packaged).....	113	100.0	.8	.5	.3	.3	.7	.4	-
26	Pulp, paper, and allied products.....	45	100.0	9.3	1.6	6.3	7.1	4.8	1.2	.6
28	Chemicals and allied products.....	116	100.0	3.8	1.6	.4	2.0	3.9	.1	.2
281	Industrial chemicals.....	84	100.0	4.9	.1	.5	1.7	4.7	.1	.3
31	Leather and leather products.....	1	100.0	6.1	.4	5.6	.5	-	.3	-
32	Stone, clay, and glass products.....	353	100.0	2.6	7.4	13.8	11.4	15.0	3.2	.1
324	Hydraulic cement.....	345	100.0	2.7	7.6	14.1	11.6	15.4	3.2	.1
3241	Hydraulic cement.....	345	100.0	2.7	7.6	14.1	11.6	15.4	3.2	.1
32411	Cement, hydraulic, portland, natural, masonry, and puzzolan.....	345	100.0	2.7	7.6	14.1	11.6	15.4	3.2	.1
33	Primary metal products.....	122	100.0	2.7	.7	3.9	3.1	1.6	.1	.4
332	Iron and steel castings.....	14	100.0	1.7	3.2	5.9	5.1	2.3	.3	1.3
3321	Iron and steel castings.....	14	100.0	1.7	3.2	5.9	5.1	2.3	.3	1.3
33219	Iron and steel castings, n.e.c.....	14	100.0	1.7	3.2	5.9	5.1	2.3	.3	1.3
35	Machinery, except electrical.....	76	100.0	1.0	.1	4.2	.8	6.1	7.9	.1
355	Special industry machinery (except metalworking machinery).....	11	100.0	3.8	-	-	.5	3.2	3.1	-
36	Electrical machinery and equipment.....	58	100.0	3.7	1.1	6.6	2.1	2.3	.3	.1
37	Transportation equipment.....	85	100.0	2.9	.2	.9	2.8	.6	2.3	.3

See footnotes at end of table.

TABLE 4. Percent Distribution of Commodities, by Production Area of Destination: 1967--Continued

TCC code	Commodity	Percent distribution by production area ¹ of destination--Continued									
		8 (HARR)	9 (SYRA)	10 (BUFF)	11 (CLEV)	12 (PITT)	13 (DETR)	14 (CINC)	15 (CHIC)	16 (MILW)	17 (M-SP)
	TONS OF SHIPMENTS										
	Production Area 07, total.....	3.9	1.4	1.2	1.2	0.6	1.1	0.2	0.6	0.1	0.1
20	Food and kindred products.....	4.5	.9	2.1	.9	1.4	1.3	.5	2.4	.1	.4
207	Confectionery and related products.....	2.9	.4	3.9	1.7	2.0	3.0	1.6	8.2	.2	-
2071	Confectionery and related products.....	2.9	.4	3.9	1.7	2.0	3.0	1.6	8.2	.2	-
20711	Candy (bars, bulk, packaged).....	2.9	.4	3.9	1.7	2.0	3.0	1.6	8.2	.2	-
26	Pulp, paper, and allied products.....	4.9	1.5	3.6	.8	1.6	.9	.5	.3	.2	-
28	Chemicals and allied products.....	.8	1.4	.4	2.2	.5	.1	.9	1.2	-	.4
281	Industrial chemicals.....	.1	-	-	1.8	.2	.1	.9	-	-	-
31	Leather and leather products.....	15.8	-	.1	.5	.4	2.8	1.9	.5	.4	-
32	Stone, clay, and glass products.....	3.6	.1	-	-	.1	.1	-	.1	-	-
324	Hydraulic cement.....	3.5	.1	-	-	-	.1	-	.1	-	-
3241	Hydraulic cement.....	3.5	.1	-	-	-	.1	-	.1	-	-
32411	Cement, hydraulic, portland, natural, masonry, and puzzolan.....	3.5	.1	-	-	-	.1	-	.1	-	-
33	Primary metal products.....	.9	.3	1.9	13.1	3.7	2.3	.6	2.2	-	.3
332	Iron and steel castings.....	4.7	1.0	.7	7.2	.4	.1	1.1	2.0	-	-
3321	Iron and steel castings.....	4.7	1.0	.7	7.2	.4	.1	1.1	2.0	-	-
33219	Iron and steel castings, n.e.c.....	4.7	1.0	.7	7.2	.4	.1	1.1	2.0	-	-
35	Machinery, except electrical.....	7.5	2.7	13.4	.8	.2	.3	.3	1.3	.8	.1
355	Special industry machinery (except metalworking machinery).....	-	-	41.0	2.2	-	-	.1	4.9	-	.8
36	Electrical machinery and equipment.....	1.8	1.8	2.9	4.5	.6	8.6	.1	1.0	.1	.4
37	Transportation equipment.....	.8	1.5	2.5	.3	1.4	14.9	.9	-	.8	-
	TON-MILES OF SHIPMENTS										
	Production Area 07, total.....	1.4	1.2	1.4	1.9	.8	2.3	.5	2.1	.4	.5
20	Food and kindred products.....	.7	.5	1.6	.9	1.0	1.8	.8	5.1	.1	1.3
207	Confectionery and related products.....	.2	.1	1.2	.8	.7	1.7	1.1	7.4	.2	-
2071	Confectionery and related products.....	.2	.1	1.2	.8	.7	1.7	1.1	7.4	.2	-
20711	Candy (bars, bulk, packaged).....	.2	.1	1.2	.8	.7	1.7	1.1	7.4	.2	-
26	Pulp, paper, and allied products.....	1.8	1.3	4.0	1.2	1.9	1.8	1.1	1.1	.8	-
28	Chemicals and allied products.....	.1	.7	.3	2.2	.3	.1	1.3	2.3	-	1.1
281	Industrial chemicals.....	-	-	-	1.7	.2	.1	1.2	-	-	-
31	Leather and leather products.....	2.9	-	.1	.4	.3	3.1	2.4	.9	.8	.1
32	Stone, clay, and glass products.....	3.1	.1	-	-	.2	.6	-	.6	.2	-
324	Hydraulic cement.....	3.1	.1	-	-	-	.6	-	.6	.2	-
3241	Hydraulic cement.....	3.1	.1	-	-	-	.6	-	.6	.2	-
32411	Cement, hydraulic, portland, natural, masonry, and puzzalon.....	3.1	.1	-	-	-	.6	-	.6	.2	-
33	Primary metal products.....	.2	.3	1.7	15.3	3.6	3.6	.9	.1	-	1.2
332	Iron and steel castings.....	1.0	.8	.7	9.7	.4	.3	2.3	5.3	-	-
3321	Iron and steel castings.....	1.0	.8	.7	9.7	.4	.3	2.3	5.3	-	-
33219	Iron and steel castings, n.e.c.....	1.0	.8	.7	9.7	.4	.3	2.3	5.3	-	-
35	Machinery, except electrical.....	2.6	2.0	14.5	1.0	.2	.5	.6	3.9	2.4	.5
355	Special industry machinery (except metalworking machinery).....	-	-	36.2	2.1	-	-	.1	11.6	-	2.3
36	Electrical machinery and equipment.....	.3	1.0	2.1	4.4	.4	10.7	.1	2.0	.1	1.2
37	Transportation equipment.....	.2	.8	1.7	.2	1.0	19.0	1.3	-	1.5	-

See footnotes at end of table.

TABLE 4. Percent Distribution of Commodities, by Production Area of Destination: 1967--Continued

TCC code	Commodity	Percent distribution by production area ¹ of destination--Continued									Sampling variability code ³
		18 (STLO)	19 (ATLA)	20 (DALL)	21 (HOUS)	22 (DENV)	23 (SETL)	24 (SANF)	25 (LOSA)	All other	
	TONS OF SHIPMENTS										
	Production Area 07, total.....	0.3	0.6	0.1	0.1	-	-	0.5	0.8	31.8	-
20	Food and kindred products.....	.2	1.0	.4	.3	0.2	0.2	.8	.9	41.0	c
207	Confectionery and related products.....	.8	1.3	1.5	1.1	.9	.8	3.2	3.8	39.0	d
2071	Confectionery and related products.....	.8	1.3	1.5	1.1	.9	.8	3.2	3.8	39.0	d
20711	Candy (bars, bulk, packaged).....	.8	1.3	1.5	1.1	.9	.8	3.2	3.8	39.0	d
26	Pulp, paper, and allied products.....	-	-	-	-	-	-	.1	1.1	19.2	d
28	Chemicals and allied products.....	3.7	.3	-	.2	-	-	2.6	.3	34.3	c
281	Industrial chemicals.....	5.2	-	-	-	-	-	3.8	-	30.6	c
31	Leather and leather products.....	1.0	.1	.2	.3	.1	-	.4	2.1	36.8	d
32	Stone, clay, and glass products.....	.2	-	-	-	-	-	-	-	32.2	c
324	Hydraulic cement.....	-	-	-	-	-	-	-	-	32.2	c
3241	Hydraulic cement.....	-	-	-	-	-	-	-	-	32.2	c
32411	Cement, hydraulic, portland, natural, masonry, and puzzolan.....	-	-	-	-	-	-	-	-	32.2	c
33	Primary metal products.....	.5	.7	-	.1	-	.2	-	1.1	29.4	b
332	Iron and steel castings.....	1.4	-	-	.3	-	1.5	-	-	23.5	d
3321	Iron and steel castings.....	1.4	-	-	.3	-	1.5	-	-	23.5	d
33219	Iron and steel castings, n.e.c.....	1.4	-	-	.3	-	1.5	-	-	23.5	d
35	Machinery, except electrical.....	.1	-	.1	.6	-	-	.1	.2	10.7	b
355	Special industry machinery (except metalworking machinery).....	-	-	-	-	-	-	-	-	21.7	d
36	Electrical machinery and equipment.....	.3	.7	.7	-	.5	.1	2.1	1.8	17.4	d
37	Transportation equipment.....	.5	3.6	2.1	-	.3	-	-	-	32.0	b
	TON-MILES OF SHIPMENTS										
	Production Area 07, total.....	1.3	1.9	.9	.4	.3	.4	6.2	10.1	44.4	-
20	Food and kindred products.....	.5	2.2	1.7	1.2	1.1	1.5	6.6	7.3	54.2	-
207	Confectionery and related products.....	.9	1.2	2.8	2.1	1.9	2.6	11.0	12.3	48.8	-
2071	Confectionery and related products.....	.9	1.2	2.8	2.1	1.9	2.6	11.0	12.3	48.8	-
20711	Candy (bars, bulk, packaged).....	.9	1.2	2.8	2.1	1.9	2.6	11.0	12.3	48.8	-
26	Pulp, paper, and allied products.....	-	-	-	-	-	-	1.7	13.1	39.3	-
28	Chemicals and allied products.....	9.0	.6	-	.8	-	-	19.4	2.1	47.7	-
281	Industrial chemicals.....	12.0	-	-	.2	-	-	26.9	.1	45.3	-
31	Leather and leather products.....	2.1	.2	.7	1.3	.5	-	2.5	13.5	55.3	-
32	Stone, clay, and glass products.....	1.4	-	-	-	-	-	-	-	40.3	-
324	Hydraulic cement.....	-	-	-	-	-	-	-	-	40.7	-
3241	Hydraulic cement.....	-	-	-	-	-	-	-	-	40.7	-
32411	Cement, hydraulic, portland, natural, masonry, and puzzolan.....	-	-	-	-	-	-	-	-	40.7	-
33	Primary metal products.....	1.3	1.8	-	.3	-	1.9	.1	9.8	40.4	-
332	Iron and steel castings.....	4.8	-	-	1.5	-	15.4	-	-	38.0	-
3321	Iron and steel castings.....	4.8	-	-	1.5	-	15.4	-	-	38.0	-
33219	Iron and steel castings, n.e.c.....	4.8	-	-	1.5	-	15.4	-	-	38.0	-
35	Machinery, except electrical.....	.4	-	.6	3.5	.1	.4	.7	2.1	43.8	-
355	Special industry machinery (except metalworking machinery).....	-	-	-	-	-	-	-	-	36.6	-
36	Electrical machinery and equipment.....	.8	1.4	2.7	.1	2.3	.8	15.7	12.9	24.8	-
37	Transportation equipment.....	1.1	6.9	7.9	-	1.4	-	-	-	47.0	-

¹Designations below the area numbers are used to help identify the area. Descriptions of production areas appear on page 4²Includes only those shipments that originated in one city in this area and terminated in another city in this area. Does not include shipments originating and terminating in the same city.³Code letter indicates a sampling variability range as follows: a, 0-9 percent; b, 10-19 percent; c, 20-29 percent; and d, 30-50 percent. The variability for ton-miles has not been estimated.

PRODUCTION AREA 8

Consists of three Standard Metropolitan Statistical Areas:
Harrisburg, Pa.; Lancaster, Pa.; and York, Pa.

SUMMARY

The estimates of tons and ton-miles are based on reports from a sample of shipments by approximately 123 manufacturing establishments located in this Production Area. The total tons and ton-miles represent the total inter-city shipments by essentially all manufacturing establishments in the area, except for plants with less than 20 employees. However, since the data are based on a sample, the estimates necessarily are subject to "sampling variability."

The approximate degree of sampling variability for tons for each commodity or commodity class is indicated in the last column of tables 1 to 4. In general, most of the commodity data in this report are subject to substantial sampling variability and should be treated as approximate rather than precise measures.

About 6.2 million tons of commodities were shipped by plants in this area to destinations beyond the local area. These shipments generated 1.6 billion ton-miles by all means of transport combined, and averaged about 259 straight-line miles per ton shipped.

Motor carriers are the dominant means of transport, hauling over 38 percent of the total tons. When measured in terms of ton-miles, rather than tons, rail becomes the dominant means of transport because of the longer average length of haul.

Comparisons between 1967 and 1963 data are presented in tables A through D. The 1967 survey is comparable with 1963, except for the exclusion from the survey, in 1967, of plants with less than 20 employees. Nationally, those plants accounted for only 4 percent of the total tons originated in the 1963 survey.

**Table A. PERCENT DISTRIBUTION OF SHIPMENTS
BY MEANS OF TRANSPORT**

Means of transport	All commodities	
	1967	1963
Tons of shipments.....millions..	6.2	10.5
Ton-miles.....billions..	1.6	2.9
TONS OF SHIPMENTS		
Percent distribution		
All means of transport.....	100.0	100.0
Rail.....	30.6	42.9
Motor carrier.....	38.4	32.8
Private truck.....	30.8	22.8
Air.....	-	-
Water.....	-	.3
Other.....	.2	1.2
TON-MILES		
All means of transport.....	100.0	100.0
Rail.....	48.3	53.8
Motor carrier.....	41.3	30.7
Private truck.....	9.7	11.0
Air.....	.1	-
Water.....	.1	2.4
Other.....	.5	2.1

Note: Ton-miles are the product of weight times distance on a straight-line distance basis.

**Table C. PERCENT DISTRIBUTION OF SHIPMENTS
BY DISTANCE OF SHIPMENT**

Distance shipped	All commodities	
	1967	1963
TONS OF SHIPMENTS		
All distances.....	100.0	100.0
Under 100 miles.....	47.3	29.0
100 to 199 miles.....	19.1	32.4
200 to 299 miles.....	11.0	15.3
300 to 499 miles.....	8.4	9.6
500 to 999 miles.....	9.0	8.8
1,000 to 1,499 miles.....	2.7	2.6
1,500 miles and over.....	2.5	2.3

**Table B. AVERAGE LENGTH OF HAUL
BY MEANS OF TRANSPORT**

Means of transport	(Straight-line miles)	
	1967	1963
All means of transport.....	259	279
Rail.....	408	350
Motor carrier.....	278	261
Private truck.....	82	135

Note: Average length of haul is based on straight-line miles from plant to customer or redistribution point, weighted by tonnage shipped (i.e., ton-miles divided by tons). Rail short-line and highway direct-route distances average about 24 and 21 percent, respectively, longer than straight-line distances.

**Table D. PERCENT DISTRIBUTION OF SHIPMENTS
BY AREA OF DESTINATION**

Area of destination	All commodities	
	1967	1963
Tons of shipments.....thousands..	6,248	10,460
Ton-miles.....millions..	1,617	2,921
TONS OF SHIPMENTS		
Percent distribution		
All areas.....	100.0	100.0
Production Area 08 ¹	12.5	4.6
Other production areas.....	51.0	51.8
All other areas.....	36.5	43.6
TON-MILES		
All areas.....	100.0	100.0
Production Area 08 ¹	1.4	.6
Other production areas.....	49.7	52.9
All other areas.....	48.9	46.5

¹Includes only those shipments that originated in one city in this area and terminated in another city in this area.

TABLE 1. Percent Distribution of Commodities, by Means of Transport: 1967

TCC code	Commodity	Number	Percent distribution by means of transport								Sampling variability code ¹
			All means of transport	Rail	Motor carrier	Private truck	Air	Water	Other	Unknown	
	TONS OF SHIPMENTS	(thousands of tons)									
	Production Area 08, total.....	6,248	100.0	30.6	38.4	30.8	-	-	0.2	-	-
20	Food and kindred products.....	2,323	100.0	29.3	21.9	48.7	-	-	-	0.1	d
25	Furniture and fixtures.....	70	100.0	5.8	42.0	50.9	-	-	1.3	-	d
251	Household and office furniture.....	70	100.0	5.8	41.7	51.2	-	-	1.3	-	d
26	Pulp, paper, and allied products.....	528	100.0	13.0	45.2	41.7	-	-	-	.1	c
28	Chemicals and allied products.....	89	100.0	-	77.6	22.4	-	-	-	-	c
30	Rubber and miscellaneous plastics products.....	54	100.0	-	88.3	5.1	-	0.4	6.2	-	d
33	Primary metal products.....	632	100.0	54.2	36.1	9.7	-	-	-	-	b
332	Iron and steel castings.....	75	100.0	12.8	78.9	8.3	-	-	-	-	d
3321	Iron and steel castings.....	75	100.0	12.8	78.9	8.3	-	-	-	-	d
33219	Iron and steel castings, n.e.c.....	65	100.0	-	90.4	9.6	-	-	-	-	d
34	Fabricated metal products.....	594	100.0	44.7	45.4	9.8	-	-	.1	-	b
349	Miscellaneous fabricated metal products	122	100.0	21.4	76.6	1.9	-	-	.1	-	d
35	Machinery, except electrical.....	228	100.0	45.7	48.9	4.3	0.2	-	.4	.5	b
36	Electrical machinery and equipment.....	55	100.0	50.0	48.9	.2	.6	-	.3	-	c
	TON-MILES OF SHIPMENTS	(millions of ton-miles)									
	Production Area 08, total.....	1,617	100.0	48.3	41.3	9.7	.1	.1	.5	-	-
20	Food and kindred products.....	540	100.0	51.3	33.9	14.7	-	.1	-	-	-
25	Furniture and fixtures.....	20	100.0	17.3	39.7	38.1	-	-	4.8	.1	-
251	Household and office furniture.....	20	100.0	17.4	39.3	38.3	-	-	4.9	.1	-
26	Pulp, paper, and allied products.....	90	100.0	33.1	49.2	17.5	-	.1	-	.1	-
28	Chemicals and allied products.....	41	100.0	-	97.6	2.3	.1	-	-	-	-
30	Rubber and miscellaneous plastics products.....	20	100.0	-	80.3	.8	.3	1.2	17.4	-	-
33	Primary metal products.....	152	100.0	54.1	37.2	8.3	-	-	.4	-	-
332	Iron and steel castings.....	22	100.0	39.2	53.1	7.7	-	-	-	-	-
3321	Iron and steel castings.....	22	100.0	39.2	53.1	7.7	-	-	-	-	-
33219	Iron and steel castings, n.e.c.....	14	100.0	-	87.2	12.7	.1	-	-	-	-
34	Fabricated metal products.....	167	100.0	37.1	53.8	8.5	-	.3	.3	-	-
349	Miscellaneous fabricated metal products	39	100.0	25.5	73.5	.3	-	-	.7	-	-
35	Machinery, except electrical.....	149	100.0	68.1	29.4	1.2	.7	-	.5	.1	-
36	Electrical machinery and equipment.....	37	100.0	51.4	47.6	-	.7	-	.3	-	-

¹Code letter indicates a sampling variability range as follows: a, 0-9 percent; b, 10-19 percent; c, 20-29 percent; and d, 30-50 percent. The variability for ton-miles has not been estimated.

TABLE 2. Percent Distribution of Commodities, by Distance of Shipment: 1967

TCC code	Commodity	Number	Percent distribution by distance of shipment								Sampling variability code ¹
			All distances	Under 100 miles	100 to 199 miles	200 to 299 miles	300 to 499 miles	500 to 999 miles	1,000 to 1,499 miles	1,500 miles or over	
	TONS OF SHIPMENTS	(thousands of tons)									
	Production Area 08, total.....	6,248	100.0	47.3	19.1	11.0	8.4	9.0	2.7	2.5	-
20	Food and kindred products.....	2,323	100.0	54.2	21.6	3.9	6.3	8.7	3.6	1.7	d
25	Furniture and fixtures.....	70	100.0	21.7	36.4	13.9	15.6	7.4	4.3	.7	d
251	Household and office furniture.....	70	100.0	21.8	36.6	13.7	15.6	7.4	4.2	.7	d
26	Pulp, paper, and allied products.....	528	100.0	50.8	29.4	4.8	7.5	6.5	.6	.4	c
28	Chemicals and allied products.....	89	100.0	27.1	13.6	25.8	16.9	4.0	2.3	10.3	c
30	Rubber and miscellaneous plastics products.....	54	100.0	21.8	18.0	14.4	20.6	20.0	2.3	2.9	d
33	Primary metal products.....	632	100.0	36.9	19.3	19.7	10.8	11.9	1.1	.3	b
332	Iron and steel castings.....	75	100.0	38.0	19.0	11.7	11.1	19.6	.3	.3	d
3321	Iron and steel castings.....	75	100.0	38.0	19.0	11.7	11.1	19.6	.3	.3	d
33219	Iron and steel castings, n.e.c.....	65	100.0	43.6	21.8	13.5	12.8	7.7	.3	.3	d
34	Fabricated metal products.....	594	100.0	31.2	19.3	25.5	9.4	10.2	2.1	2.3	b
349	Miscellaneous fabricated metal products	122	100.0	21.8	23.3	19.9	14.3	18.6	.2	1.9	d
35	Machinery, except electrical.....	228	100.0	10.7	26.5	11.0	4.6	21.5	12.0	13.7	b
36	Electrical machinery and equipment.....	55	100.0	8.4	9.5	4.4	11.9	52.4	.7	12.7	c
	TON-MILES OF SHIPMENTS	(millions of ton-miles)									
	Production Area 08, total.....	1,617	100.0	9.4	10.9	10.1	11.9	23.7	12.5	21.5	-
20	Food and kindred products.....	540	100.0	12.6	12.9	4.2	9.7	25.1	18.5	17.0	-
25	Furniture and fixtures.....	20	100.0	4.8	21.0	11.7	19.6	20.7	16.8	5.4	-
251	Household and office furniture.....	20	100.0	4.8	21.0	11.5	19.7	20.7	16.8	5.5	-
26	Pulp, paper, and allied products.....	90	100.0	14.7	26.6	6.7	15.8	27.8	4.0	4.4	-
28	Chemicals and allied products.....	41	100.0	2.7	4.4	15.0	14.3	6.0	5.6	52.0	-
30	Rubber and miscellaneous plastics products.....	20	100.0	3.1	7.5	9.2	20.1	34.7	7.5	17.9	-
33	Primary metal products.....	152	100.0	8.9	12.4	18.8	16.5	35.4	5.5	2.5	-
332	Iron and steel castings.....	22	100.0	7.5	9.7	9.9	13.9	55.4	1.3	2.3	-
3321	Iron and steel castings.....	22	100.0	7.5	9.7	9.9	13.9	55.4	1.3	2.3	-
33219	Iron and steel castings, n.e.c.....	14	100.0	12.3	16.0	16.3	22.8	26.7	2.1	3.8	-
34	Fabricated metal products.....	167	100.0	7.1	10.5	21.2	13.3	22.6	8.5	16.8	-
349	Miscellaneous fabricated metal products	39	100.0	4.1	11.6	17.1	16.8	35.7	1.0	13.7	-
35	Machinery, except electrical.....	149	100.0	1.0	6.4	4.2	2.6	25.2	22.2	38.4	-
36	Electrical machinery and equipment.....	37	100.0	.8	2.1	1.5	6.0	46.4	1.1	42.1	-

¹Code letter indicates a sampling variability range as follows: a, 0-9 percent; b, 10-19 percent; c, 20-29 percent; and d, 30-50 percent. The variability for ton-miles has not been estimated.

TABLE 3. Percent Distribution of Commodities, by Geographic Division of Destination: 1967

TCC code	Commodity	Number	Percent distribution by geographic division ¹ of destination										Sampling variability code ³
			All means of transport	New England	Middle Atlantic	East North Central	West North Central	South Atlantic	East South Central	West South Central	Mountain	Pacific ²	
	TONS OF SHIPMENTS	(thous. of tons)											
	Production Area 08, total.....	6,248	100.0	4.9	50.9	9.6	2.0	26.5	1.3	2.5	0.4	1.9	-
20	Food and kindred products.....	2,323	100.0	4.4	50.1	7.2	2.0	30.6	.6	3.4	.1	1.6	d
25	Furniture and fixtures.....	70	100.0	13.3	50.4	5.6	.4	22.9	2.5	4.2	.1	.6	d
26	Pulp, paper, and allied products.....	528	100.0	6.1	67.8	6.8	.9	15.6	1.3	1.2	.2	.1	c
28	Chemicals and allied products.....	89	100.0	3.8	40.7	30.2	2.2	11.9	.4	.5	.3	10.0	c
30	Rubber and miscellaneous plastics products.....	54	100.0	9.2	22.1	32.4	2.9	22.3	5.8	2.3	.5	2.5	d
33	Primary metal products.....	632	100.0	4.5	55.6	17.1	2.0	17.6	1.5	1.4	-	.3	b
34	Fabricated metal products.....	594	100.0	3.2	53.2	12.6	1.0	23.2	2.5	2.0	1.2	1.1	b
35	Machinery, except electrical.....	228	100.0	1.9	36.4	11.9	13.0	16.3	3.0	10.5	3.6	3.4	b
36	Electrical machinery and equipment.....	55	100.0	1.3	19.2	56.0	2.3	3.3	4.6	.6	4.6	8.1	c
	TON-MILES OF SHIPMENTS	(millions of ton-miles)											
	Production Area 08, total.....	1,617	100.0	5.5	18.4	16.9	7.1	17.1	3.4	11.7	2.8	17.1	-
20	Food and kindred products.....	540	100.0	5.6	15.7	15.9	7.6	18.9	1.7	17.6	1.0	16.0	-
25	Furniture and fixtures.....	20	100.0	14.3	29.3	10.1	1.4	18.9	4.0	16.5	.7	4.8	-
26	Pulp, paper, and allied products.....	90	100.0	10.9	38.4	19.9	4.4	10.7	5.1	7.9	1.8	.9	-
28	Chemicals and allied products.....	41	100.0	2.6	9.4	23.6	5.3	5.3	.6	1.3	.9	51.0	-
30	Rubber and miscellaneous plastics products.....	20	100.0	6.4	7.9	36.3	6.8	8.5	8.7	7.1	2.4	15.9	-
33	Primary metal products.....	152	100.0	5.6	28.0	28.4	7.2	17.2	4.2	6.8	.1	2.5	-
34	Fabricated metal products.....	167	100.0	3.4	28.5	20.7	3.3	14.5	4.9	7.8	7.9	9.0	-
35	Machinery, except electrical.....	149	100.0	.8	9.1	9.3	21.0	10.9	3.1	23.3	10.1	12.4	-
36	Electrical machinery and equipment.....	37	100.0	.5	3.4	42.2	3.1	2.2	5.3	1.1	14.1	28.1	-

¹States included in the geographic divisions are as follows: NEW ENGLAND--Maine, New Hampshire, Vermont, Massachusetts, Rhode Island, and Connecticut; MIDDLE ATLANTIC--New York, New Jersey, and Pennsylvania; EAST NORTH CENTRAL--Ohio, Indiana, Illinois, Michigan, and Wisconsin; WEST NORTH CENTRAL--Minnesota, Iowa, Missouri, North Dakota, South Dakota, Nebraska, and Kansas; SOUTH ATLANTIC--Delaware, Maryland, District of Columbia, Virginia, West Virginia, North Carolina, South Carolina, Georgia, and Florida; EAST SOUTH CENTRAL--Kentucky, Tennessee, Alabama, and Mississippi; WEST SOUTH CENTRAL--Arkansas, Louisiana, Oklahoma, and Texas; MOUNTAIN--Montana, Idaho, Wyoming, Colorado, New Mexico, Arizona, Utah, and Nevada; PACIFIC--Washington, Oregon, California, Alaska, and Hawaii.

²Shipments to Alaska and Hawaii from the 48 conterminous States and the District of Columbia are included; no data were obtained for shipments originating in Alaska and Hawaii.

³Code letter indicates a sampling variability range as follows: a, 0-9 percent; b, 10-19 percent; c, 20-29 percent; and d, 30-50 percent. The variability for ton-miles has not been estimated.

TABLE 4. Percent Distribution of Commodities, by Production Area of Destination: 1967

TCC code	Commodity	Number	Percent distribution by production area ¹ of destination							
			Total	1 (BOST)	2 (HART)	3 (NYNY)	4 (N. NJ)	5 (PHIL)	6 (BALT)	7 (ALLN)
	TONS OF SHIPMENTS	(thousands of tons)								
	Production Area 08, total.....	6,248	100.0	2.0	1.5	5.2	3.3	11.6	6.9	4.4
20	Food and kindred products.....	2,323	100.0	1.9	1.2	3.3	3.5	8.9	4.9	8.6
25	Furniture and fixtures.....	70	100.0	5.5	3.8	17.1	7.0	4.0	6.7	2.3
251	Household and office furniture.....	70	100.0	5.5	3.8	17.2	7.0	3.9	6.7	2.4
26	Pulp, paper, and allied products.....	528	100.0	.9	1.8	9.9	8.0	17.7	9.2	1.7
28	Chemicals and allied products.....	89	100.0	2.6	.2	3.3	3.1	3.2	5.0	.2
30	Rubber and miscellaneous plastics products.....	54	100.0	2.7	6.2	8.0	5.8	1.8	14.4	-
33	Primary metal products.....	632	100.0	2.5	.3	4.1	2.0	8.2	7.7	3.7
332	Iron and steel castings.....	75	100.0	2.5	.2	5.0	3.6	8.4	2.3	14.0
3321	Iron and steel castings.....	75	100.0	2.5	.2	5.0	3.6	8.4	2.3	14.0
33219	Iron and steel castings, n.e.c.....	65	100.0	2.9	.2	5.7	4.1	9.7	2.6	16.0
34	Fabricated metal products.....	594	100.0	2.3	.2	4.8	2.9	15.0	8.4	.5
349	Miscellaneous fabricated metal products	122	100.0	5.4	-	8.6	.7	2.9	5.8	.1
35	Machinery, except electrical.....	228	100.0	.6	1.0	20.4	.6	3.6	4.1	-
36	Electrical machinery and equipment.....	55	100.0	.6	.6	.9	7.1	7.7	-	.1
	TONS-MILES OF SHIPMENTS	(millions of ton-miles)								
	Production Area 08, total.....	1,617	100.0	2.5	1.4	3.2	1.7	3.1	1.3	1.1
20	Food and kindred products.....	540	100.0	2.7	1.2	2.2	1.9	3.2	1.0	2.6
25	Furniture and fixtures.....	20	100.0	6.6	3.2	10.7	3.9	1.3	1.2	.6
251	Household and office furniture.....	20	100.0	6.6	3.2	10.7	3.9	1.3	1.2	.6
26	Pulp, paper, and allied products.....	90	100.0	1.8	2.5	9.8	6.9	7.4	2.5	.8
28	Chemicals and allied products.....	41	100.0	1.7	.1	.9	.7	.5	.6	-
30	Rubber and miscellaneous plastics products.....	20	100.0	2.5	3.8	4.0	1.9	.4	2.0	-
33	Primary metal products.....	152	100.0	3.4	.3	2.6	1.2	3.0	2.1	1.0
332	Iron and steel castings.....	22	100.0	2.6	.1	3.1	1.9	2.5	.4	3.6
3321	Iron and steel castings.....	22	100.0	2.6	.1	3.1	1.9	2.5	.4	3.6
33219	Iron and steel castings, n.e.c.....	14	100.0	4.3	.2	5.1	3.2	4.2	.6	6.0
34	Fabricated metal products.....	167	100.0	2.5	.2	2.8	1.4	4.4	1.7	.1
349	Miscellaneous fabricated metal products	39	100.0	4.9	-	4.6	.2	.7	1.0	-
35	Machinery, except electrical.....	149	100.0	.3	.3	4.8	.1	.4	.3	-
36	Electrical machinery and equipment.....	37	100.0	.3	.2	.2	1.5	.7	-	-

See footnotes at end of table.

TABLE 4. Percent Distribution of Commodities, by Production Area of Destination: 1967--Continued

TCC code	Commodity	Percent distribution by production area ¹ of destination--Continued									
		8 ² (HARR)	9 (SYRA)	10 (BUFF)	11 (CLEV)	12 (PITT)	13 (DETR)	14 (CINC)	15 (CHIC)	16 (MILW)	17 (M-SP)
	TONS OF SHIPMENTS										
	Production Area 08, total.....	12.5	2.4	2.0	1.8	2.2	1.4	0.4	2.1	0.2	0.3
20	Food and kindred products.....	17.0	.2	.2	.3	1.4	1.4	.5	2.0	.2	.5
25	Furniture and fixtures.....	.4	4.9	1.0	.7	2.2	1.0	.2	1.4	.2	-
251	Household and office furniture.....	.4	4.9	1.0	.7	2.2	1.0	.2	1.4	.2	-
26	Pulp, paper, and allied products.....	16.4	.9	1.1	.2	2.5	.3	1.0	1.8	.5	.2
28	Chemicals and allied products.....	10.7	.4	5.6	14.8	4.9	5.4	4.1	1.3	-	-
30	Rubber and miscellaneous plastics products.....	1.4	.2	.3	5.7	.5	5.4	2.8	8.8	.1	.6
33	Primary metal products.....	2.3	3.5	5.8	4.3	9.7	.5	.2	2.8	.4	-
332	Iron and steel castings.....	6.6	.7	2.2	4.3	2.5	1.8	.3	.3	.1	-
3321	Iron and steel castings.....	6.6	.7	2.2	4.3	2.5	1.8	.3	.3	.1	-
33219	Iron and steel castings, n.e.c.....	7.6	.8	2.5	4.9	2.8	2.1	.4	.3	.1	-
34	Fabricated metal products.....	3.4	14.8	4.8	2.1	1.2	2.7	.4	5.5	.3	.1
349	Miscellaneous fabricated metal products	1.8	-	2.2	7.1	.3	9.1	.1	12.8	-	-
35	Machinery, except electrical.....	.4	.8	4.7	1.6	2.3	.1	.2	2.1	.2	.1
36	Electrical machinery and equipment.....	-	2.4	.3	7.7	.1	3.7	.1	6.5	.3	-
	TON-MILES OF SHIPMENTS										
	Production Area 08, total.....	1.4	2.1	1.7	1.8	1.5	2.0	.7	4.8	.5	1.0
20	Food and kindred products.....	2.6	.2	.1	.3	1.0	2.2	.9	5.0	.5	2.0
25	Furniture and fixtures.....	-	4.1	.8	.7	1.3	1.4	.3	3.0	.5	-
251	Household and office furniture.....	-	4.1	.8	.7	1.4	1.4	.3	2.9	.5	-
26	Pulp, paper, and allied products.....	1.9	1.2	1.5	.3	2.5	.7	2.2	5.9	1.6	.9
28	Chemicals and allied products.....	.6	.2	2.8	9.2	2.0	4.6	3.8	1.7	-	-
30	Rubber and miscellaneous plastics products.....	.1	.1	.2	3.8	.2	5.4	2.9	13.7	.1	1.5
33	Primary metal products.....	.2	3.3	5.1	4.3	6.9	.8	.4	6.9	1.0	-
332	Iron and steel castings.....	.5	.5	1.6	3.9	1.4	2.3	.5	.6	.2	-
3321	Iron and steel castings.....	.5	.5	1.6	3.9	1.4	2.3	.5	.6	.2	-
33219	Iron and steel castings, n.e.c.....	.8	.8	2.6	6.4	2.3	3.8	.8	.9	.4	-
34	Fabricated metal products.....	.3	11.9	3.8	2.0	.7	3.5	.5	11.2	.8	.2
349	Miscellaneous fabricated metal products	.1	-	1.7	6.4	.2	10.5	.1	22.7	-	-
35	Machinery, except electrical.....	-	.3	1.7	.7	.7	.1	.1	1.9	.2	.1
36	Electrical machinery and equipment.....	-	.7	.1	3.4	-	2.1	.1	6.0	.2	-

See footnote at end of table.

TABLE 4. Percent Distribution of Commodities, by Production Area of Destination: 1967--Continued

TCC code	Commodity	Percent distribution by production area ¹ of destination--Continued									Sampling variability code ³
		18 (STLO)	19 (ATLA)	20 (DALL)	21 (HOUS)	22 (DENV)	23 (SETL)	24 (SANF)	25 (LOSA)	All other	
	TONS OF SHIPMENTS										
	Production Area 08, total.....	0.3	0.5	0.9	0.4	-	0.1	0.5	0.5	36.5	-
20	Food and kindred products.....	.5	.5	1.8	.5	0.1	.1	.1	.2	40.2	d
25	Furniture and fixtures.....	-	.2	.3	1.3	-	-	.2	.3	39.3	d
251	Household and office furniture.....	-	.2	.3	1.3	-	-	.2	.3	39.2	d
26	Pulp, paper, and allied products.....	.4	-	.3	-	-	-	-	-	25.2	c
28	Chemicals and allied products.....	-	-	-	-	.3	-	-	10.0	24.9	c
30	Rubber and miscellaneous plastics products.....	.7	.6	.6	.3	.3	.1	.4	1.8	30.5	d
33	Primary metal products.....	.3	-	.6	.2	-	.1	-	-	40.8	b
332	Iron and steel castings.....	1.3	.1	-	.2	-	-	.1	.1	43.4	d
3321	Iron and steel castings.....	1.3	.1	-	.2	-	-	.1	.1	43.4	d
33219	Iron and steel castings, n.e.c.....	1.5	.1	-	.2	-	-	.1	.1	35.3	d
34	Fabricated metal products.....	.2	.6	.4	.2	-	-	.2	.6	28.4	b
349	Miscellaneous fabricated metal products	-	2.6	-	.2	-	-	-	1.8	38.5	d
35	Machinery, except electrical.....	.2	1.4	.3	.5	-	.1	1.0	.2	53.5	b
36	Electrical machinery and equipment.....	.4	1.3	-	-	-	.7	1.2	3.9	54.4	c
	TON-MILES OF SHIPMENTS										
	Production Area 08, total.....	.9	1.2	4.3	1.9	.2	.7	4.9	5.2	48.9	-
20	Food and kindred products.....	1.5	1.4	9.4	2.5	.5	1.0	1.0	1.5	51.6	-
25	Furniture and fixtures.....	-	.5	1.2	5.7	.1	-	1.8	2.1	49.0	-
251	Household and office furniture.....	-	.5	1.3	5.7	.1	-	1.8	2.1	48.9	-
26	Pulp, paper, and allied products.....	1.7	-	1.8	-	-	.1	.3	.4	45.3	-
28	Chemicals and allied products.....	-	-	-	-	.9	-	-	50.9	18.8	-
30	Rubber and miscellaneous plastics products.....	1.3	.9	1.9	1.1	1.3	.5	2.6	11.4	36.4	-
33	Primary metal products.....	1.0	-	3.0	.8	-	.9	.3	.4	51.1	-
332	Iron and steel castings.....	3.1	.2	-	.7	-	-	.7	.6	69.0	-
3321	Iron and steel castings.....	3.1	.2	-	.7	-	-	.7	.6	69.0	-
33219	Iron and steel castings, n.e.c.....	5.0	.4	-	1.1	-	-	1.2	1.0	48.9	-
34	Fabricated metal products.....	.5	1.3	1.8	1.0	.2	.3	1.3	4.8	40.8	-
349	Miscellaneous fabricated metal products	-	4.8	-	.8	-	-	-	13.0	28.3	-
35	Machinery, except electrical.....	.2	1.3	.6	1.0	-	.2	3.7	.6	80.4	-
36	Electrical machinery and equipment.....	.4	1.2	-	-	-	2.5	4.5	13.3	62.6	-

¹Designations below the area numbers are used to help identify the area. Descriptions of production areas appear on page 4.

²Includes only those shipments that originated in one city in this area and terminated in another city in this area. Does not include shipments originating and terminating in the same city.

³Code letter indicates a sampling variability range as follows: a, 0-9 percent; b, 10-19 percent; c, 20-29 percent; and d, 30-50 percent. The variability for ton-miles has not been estimated.

PRODUCTION AREA 9

Consists of three Standard Metropolitan Statistical Areas:
Syracuse, N.Y.; Utica-Rome, N.Y.; and Albany-Schenectady-
Troy, N.Y.

SUMMARY

The estimates of tons and ton-miles are based on reports from a sample of shipments by approximately 127 manufacturing establishments located in this Production Area. The total tons and ton-miles represent the total inter-city shipments by essentially all manufacturing establishments in the area, except for plants with less than 20 employees. However, since the data are based on a sample, the estimates necessarily are subject to "sampling variability."

The approximate degree of sampling variability for tons for each commodity or commodity class is indicated in the last column of tables 1 to 4. In general, most of the commodity data in this report are subject to substantial sampling variability and should be treated as approximate rather than precise measures.

About 6.7 million tons of commodities were shipped by plants in this area to destinations beyond the local area. These shipments generated 2.1 billion ton-miles by all means of transport combined, and averaged about 312 straight-line miles per ton shipped.

Rail is the dominant means of transport, hauling over 45 percent of the total tons. When measured in terms of ton-miles rather than tons, rail still remains the dominant means of transport, accounting for almost three-fifths of the total ton-miles.

Comparisons between 1967 and 1963 data are presented in tables A through D. The 1967 survey is comparable with 1963, except for the exclusion from the survey, in 1967, of plants with less than 20 employees. Nationally, those plants accounted for only 4 percent of the total tons originated in the 1963 survey.

**Table A. PERCENT DISTRIBUTION OF SHIPMENTS
BY MEANS OF TRANSPORT**

Means of transport	All commodities	
	1967	1963
Tons of shipments.....millions..	6.7	4.4
Ton-miles.....billions..	2.1	1.8
TONS OF SHIPMENTS	Percent distribution	
All means of transport.....	100.0	100.0
Rail.....	45.4	36.6
Motor carrier.....	38.1	34.7
Private truck.....	15.7	26.4
Air.....	.1	-
Water.....	.2	1.0
Other.....	.5	1.3
TON-MILES		
All means of transport.....	100.0	100.0
Rail.....	59.8	56.9
Motor carrier.....	30.3	25.7
Private truck.....	6.6	9.0
Air.....	.2	.1
Water.....	1.2	4.8
Other.....	1.9	3.5

Note: Ton-miles are the product of weight times distance on a straight-line distance basis.

**Table C. PERCENT DISTRIBUTION OF SHIPMENTS
BY DISTANCE OF SHIPMENT**

Distance shipped	All commodities	
	1967	1963
TONS OF SHIPMENTS		
All distances.....	100.0	100.0
Under 100 miles.....	27.0	21.7
100 to 199 miles.....	30.9	32.5
200 to 299 miles.....	18.8	13.3
300 to 499 miles.....	6.3	6.3
500 to 999 miles.....	11.0	17.9
1,000 to 1,499 miles.....	3.0	3.4
1,500 miles and over.....	3.0	4.9

**Table B. AVERAGE LENGTH OF HAUL
BY MEANS OF TRANSPORT**

(Straight-line miles)

Means of transport	All commodities	
	1967	1963
All means of transport.....	312	398
Rail.....	411	618
Motor carrier.....	248	295
Private truck.....	131	136

Note: Average length of haul is based on straight-line miles from plant to customer or redistribution point, weighted by tonnage shipped (i.e., ton-miles divided by tons). Rail short-line and highway direct-route distances average about 24 and 21 percent, respectively, longer than straight-line distances.

**Table D. PERCENT DISTRIBUTION OF SHIPMENTS
BY AREA OF DESTINATION**

Area of destination	All commodities	
	1967	1963
Tons of shipments.....thousands..	6,738	4,397
Ton-miles.....millions..	2,103	1,750
TONS OF SHIPMENTS	Percent distribution	
All areas.....	100.0	100.0
Production Area 09 ¹	8.0	12.8
Other production areas.....	48.6	45.9
All other areas.....	43.4	41.3
TON-MILES		
All areas.....	100.0	100.0
Production Area 09 ¹	1.7	1.9
Other production areas.....	50.3	48.1
All other areas.....	48.0	50.0

¹Includes only those shipments that originated in one city in this area and terminated in another city in this area.

TABLE 1. Percent Distribution of Commodities, by Means of Transport: 1967

TCC code	Commodity	Number	Percent distribution by means of transport								Sampling variability code ¹
			All means of transport	Rail	Motor carrier	Private truck	Air	Water	Other	Unknown	
	TONS OF SHIPMENTS	(thousands of tons)									
	Production Area 09, total.....	6,738	100.0	45.4	38.1	15.7	0.1	0.2	0.4	0.1	-
20	Food and kindred products.....	2,280	100.0	47.0	21.6	31.1	-	-	.1	.2	d
26	Pulp, paper, and allied products.....	687	100.0	50.1	34.5	15.3	-	-	.1	-	c
262	Paper (except building paper).....	405	100.0	53.0	35.2	11.7	-	-	.1	-	c
2621	Paper (except building paper).....	405	100.0	53.0	35.2	11.7	-	-	.1	-	c
28	Chemicals and allied products.....	1,392	100.0	72.6	21.0	5.3	-	1.1	-	-	a
32	Stone, clay, and glass products.....	865	100.0	30.5	68.4	.5	-	-	.6	-	d
33	Primary metal products.....	284	100.0	6.9	60.8	32.1	-	-	-	.2	c
331	Steel works and rolling mill products..	55	100.0	1.5	93.5	4.8	.2	-	-	-	b
3312	Primary iron and steel products (except coke-oven products).....	54	100.0	1.6	93.3	4.9	.2	-	-	-	b
335	Nonferrous metal basic shapes.....	214	100.0	8.6	49.9	41.3	-	-	-	.2	d
35	Machinery, except electrical.....	379	100.0	42.0	51.4	2.6	.2	-	3.8	-	b
37	Transportation equipment.....	137	100.0	52.3	46.9	.1	.7	-	-	-	b
39	Miscellaneous products of manufacturing	31	100.0	17.5	70.7	3.5	-	.1	8.2	-	d
	TON-MILES OF SHIPMENTS	(millions of ton-miles)									
	Production Area 09, total.....	2,103	100.0	59.8	30.3	6.6	.2	1.2	1.9	-	-
20	Food and kindred products.....	364	100.0	65.7	18.3	15.8	-	-	.2	-	-
26	Pulp, paper, and allied products.....	288	100.0	72.9	21.6	5.2	-	-	.3	-	-
262	Paper (except building paper).....	152	100.0	71.5	21.1	6.9	-	-	.5	-	-
2621	Paper (except building paper).....	152	100.0	71.5	21.1	6.9	-	-	.5	-	-
28	Chemicals and allied products.....	517	100.0	78.2	15.3	1.9	.1	4.3	.2	-	-
32	Stone, clay, and glass products.....	104	100.0	37.8	57.4	.5	.2	-	4.1	-	-
33	Primary metal products.....	125	100.0	19.3	61.6	18.8	.2	-	-	.1	-
331	Steel works and rolling mill products..	24	100.0	7.0	89.3	2.4	1.3	-	-	-	-
3312	Primary iron and steel products (except coke-oven products).....	24	100.0	7.1	89.2	2.4	1.3	-	-	-	-
335	Nonferrous metal basic shapes.....	94	100.0	23.4	52.2	24.3	-	-	-	.1	-
35	Machinery, except electrical.....	316	100.0	59.9	31.9	.8	.3	.1	7.0	-	-
37	Transportation equipment.....	62	100.0	58.4	40.1	-	1.5	-	-	-	-
39	Miscellaneous products of manufacturing	19	100.0	27.8	52.7	1.0	-	.1	18.4	-	-

¹Code letter indicates a sampling variability range as follows: a, 0-9 percent; b, 10-19 percent; c, 20-29 percent; and d, 30-50 percent. The variability for ton-miles has not been estimated.

TABLE 2. Percent Distribution of Commodities, by Distance of Shipment: 1967

TCC code	Commodity	Number	Percent distribution by distance of shipment								Sampling variability code ¹
			All distances	Under 100 miles	100 to 199 miles	200 to 299 miles	300 to 499 miles	500 to 999 miles	1,000 to 1,499 miles	1,500 miles or over	
	TONS OF SHIPMENTS	(thousands of tons)									
	Production Area 09, total.....	6,738	100.0	27.0	30.9	18.8	6.3	11.0	3.0	3.0	-
20	Food and kindred products.....	2,280	100.0	44.6	33.8	17.0	1.2	2.3	.5	.6	d
26	Pulp, paper, and allied products.....	687	100.0	11.8	26.9	21.7	7.4	25.0	4.4	2.8	c
262	Paper (except building paper).....	405	100.0	5.1	32.9	26.3	4.4	30.5	.7	.1	c
2621	Paper (except building paper).....	405	100.0	5.1	32.9	26.3	4.4	30.5	.7	.1	c
28	Chemicals and allied products.....	1,392	100.0	6.2	29.2	36.7	8.8	11.7	4.6	2.8	a
32	Stone, clay, and glass products.....	865	100.0	54.6	38.7	2.8	1.0	2.4	.4	.1	d
33	Primary metal products.....	284	100.0	6.5	31.6	15.4	15.7	25.5	1.2	4.1	c
331	Steel works and rolling mill products..	55	100.0	10.3	15.8	25.3	13.5	29.7	2.0	3.4	b
3312	Primary iron and steel products (except coke-oven products).....	54	100.0	10.4	14.5	25.7	13.7	30.3	2.0	3.4	b
335	Nonferrous metal basic shapes.....	214	100.0	5.3	36.3	13.4	16.0	23.4	1.0	4.6	d
35	Machinery, except electrical.....	379	100.0	.7	16.5	12.9	13.5	25.7	12.4	18.3	b
37	Transportation equipment.....	137	100.0	.8	30.2	12.3	30.3	21.7	.7	4.0	b
39	Miscellaneous products of manufacturing	31	100.0	1.4	24.4	15.6	9.7	20.6	23.7	4.6	d
	TON-MILES OF SHIPMENTS	(millions of ton-miles)									
	Production Area 09, total.....	2,103	100.0	5.1	15.3	14.4	7.6	25.1	11.6	20.9	-
20	Food and kindred products.....	364	100.0	15.7	33.0	25.5	2.9	9.9	3.9	9.1	-
26	Pulp, paper, and allied products.....	288	100.0	1.6	10.0	12.5	6.8	43.8	13.1	12.2	-
262	Paper (except building paper).....	152	100.0	.9	13.7	17.1	4.8	60.2	2.5	.8	-
2621	Paper (except building paper).....	152	100.0	.9	13.7	17.1	4.8	60.2	2.5	.8	-
28	Chemicals and allied products.....	517	100.0	1.1	13.3	23.9	9.2	22.2	14.3	16.0	-
32	Stone, clay, and glass products.....	104	100.0	28.2	43.6	5.5	3.3	13.9	3.8	1.7	-
33	Primary metal products.....	105	100.0	.8	12.0	8.3	13.3	40.0	3.3	22.3	-
331	Steel works and rolling mill products..	24	100.0	1.3	5.8	14.2	11.8	43.1	5.4	18.4	-
3312	Primary iron and steel products (except coke-oven products).....	24	100.0	1.3	5.3	14.3	11.9	43.3	5.4	18.5	-
335	Nonferrous metal basic shapes.....	94	100.0	.6	13.9	7.1	13.4	37.4	3.0	24.6	-
35	Machinery, except electrical.....	316	100.0	-	3.3	3.5	5.8	21.9	18.2	47.3	-
37	Transportation equipment.....	62	100.0	.1	9.6	6.4	24.5	35.9	1.9	21.6	-
39	Miscellaneous products of manufacturing	19	100.0	.1	6.7	6.1	6.1	23.3	41.4	16.3	-

¹Code letter indicates a sampling variability range as follows: a, 0-9 percent; b, 10-19 percent; c, 20-29 percent; and d, 30-50 percent. The variability for ton-miles has not been estimated.

TABLE 3. Percent Distribution of Commodities, by Geographic Division of Destination: 1967

TCC code	Commodity	Number	Percent distribution by geographic division ¹ of destination										Sampling variability code ³
			All means of transport	New England	Middle Atlantic	East North Central	West North Central	South Atlantic	East South Central	West South Central	Mountain	Pacific ²	
	TONS OF SHIPMENTS	(thousands of tons)											
	Production Area 09, total.....	6,738	100.0	21.4	56.0	9.6	2.6	4.0	1.9	2.0	0.3	2.2	-
20	Food and kindred products.....	2,280	100.0	26.5	68.4	2.3	.5	1.0	.2	.3	.2	.6	d
26	Pulp, paper, and allied products.....	607	100.0	19.6	39.5	20.4	3.5	9.3	1.7	4.7	.6	.7	c
28	Chemicals and allied products.....	1,392	100.0	19.8	57.2	8.3	5.1	4.1	1.3	2.1	.1	2.0	a
32	Stone, clay, and glass products.....	865	100.0	21.7	74.3	2.5	.5	.6	.1	.3	-	-	d
33	Primary metal products.....	284	100.0	18.3	35.7	30.6	3.7	2.4	4.3	.8	.3	3.9	c
35	Machinery, except electrical.....	379	100.0	6.0	23.3	20.2	4.5	15.6	5.4	10.1	1.2	13.7	b
37	Transportation equipment.....	137	100.0	.8	42.4	36.2	8.5	4.7	2.9	.6	-	3.9	b
39	Miscellaneous products of manufacturing	31	100.0	10.9	30.9	22.6	9.4	3.1	16.6	2.3	.8	3.4	d
	TON-MILES OF SHIPMENTS	(millions of ton-miles)											
	Production Area 09, total.....	2,103	100.0	12.5	23.5	16.3	7.8	7.8	5.0	8.8	2.0	16.3	-
20	Food and kindred products.....	364	100.0	28.1	45.4	6.6	2.5	3.8	1.1	2.2	1.6	8.7	-
26	Pulp, paper, and allied products.....	288	100.0	8.4	15.0	30.8	8.2	12.0	3.4	15.7	2.8	3.7	-
28	Chemicals and allied products.....	517	100.0	15.6	28.5	11.8	13.0	7.0	3.2	7.4	.6	12.9	-
32	Stone, clay, and glass products.....	104	100.0	20.7	56.5	11.6	2.1	3.7	.6	3.6	.4	.8	-
33	Primary metal products.....	125	100.0	7.6	14.1	35.3	7.6	2.7	7.9	2.2	1.3	21.3	-
35	Machinery, except electrical.....	316	100.0	1.5	5.0	12.4	4.7	13.5	5.2	16.7	2.9	38.1	-
37	Transportation equipment.....	62	100.0	.3	16.2	35.7	17.4	3.8	3.7	1.9	-	21.0	-
39	Miscellaneous products of manufacturing	19	100.0	3.8	9.4	20.5	16.6	3.3	26.2	5.1	2.3	12.8	-

¹States included in the geographic divisions are as follows: NEW ENGLAND--Maine, New Hampshire, Vermont, Massachusetts, Rhode Island, and Connecticut; MIDDLE ATLANTIC--New York, New Jersey, and Pennsylvania; EAST NORTH CENTRAL--Ohio, Indiana, Illinois, Michigan, and Wisconsin; WEST NORTH CENTRAL--Minnesota, Iowa, Missouri, North Dakota, South Dakota, Nebraska, and Kansas; SOUTH ATLANTIC--Delaware, Maryland, District of Columbia, Virginia, West Virginia, North Carolina, South Carolina, Georgia, and Florida; EAST SOUTH CENTRAL--Kentucky, Tennessee, Alabama, and Mississippi; WEST SOUTH CENTRAL--Arkansas, Louisiana, Oklahoma, and Texas; MOUNTAIN--Montana, Idaho, Wyoming, Colorado, New Mexico, Arizona, Utah, and Nevada; PACIFIC--Washington, Oregon, California, Alaska, and Hawaii.

²Shipments to Alaska and Hawaii from the 48 conterminous States and the District of Columbia are included; no data were obtained for shipments originating in Alaska and Hawaii.

³Code letter indicates a sampling variability range as follows: a, 0-9 percent; b, 10-19 percent; c, 20-29 percent; and d, 30-50 percent. The variability for ton-miles has not been estimated.

TABLE 4. Percent Distribution of Commodities, by Production Area of Destination: 1967

TCC code	Commodity	Number	Percent distribution by production area ¹ of destination							
			Total	1 (BOST)	2 (HART)	3 (NYNY)	4 (N. NJ)	5 (PHIL)	6 (BALT)	7 (ALLN)
	TONS OF SHIPMENTS	(thousands of tons)								
	Production Area 09, total.....	6,738	100.0	7.0	3.7	5.4	7.1	3.2	0.6	0.3
20	Food and kindred products.....	2,280	100.0	9.1	2.6	6.0	4.2	2.0	-	-
26	Pulp, paper, and allied products.....	687	100.0	7.2	4.2	9.1	4.3	3.9	1.5	.3
262	Paper (except building paper).....	405	100.0	10.6	5.2	11.0	5.8	5.7	1.0	.5
2621	Paper (except building paper).....	405	100.0	10.6	5.2	11.0	5.8	5.7	1.0	.5
28	Chemicals and allied products.....	1,392	100.0	6.0	1.4	2.8	17.7	6.7	1.3	.8
32	Stone, clay, and glass products.....	865	100.0	8.3	10.4	4.7	5.5	.8	-	-
33	Primary metal products.....	284	100.0	3.5	4.2	6.3	7.5	3.1	.1	.1
331	Steel works and rolling mill products..	55	100.0	10.8	5.6	1.0	4.7	3.8	-	-
3312	Primary iron and steel products (except coke-oven products).....	54	100.0	11.0	5.7	1.0	4.7	3.8	-	-
335	Nonferrous metal basic shapes.....	214	100.0	1.8	3.8	7.9	8.0	2.8	.1	.1
35	Machinery, except electrical.....	379	100.0	2.7	1.5	5.7	4.5	4.9	1.0	.1
37	Transportation equipment.....	137	100.0	.2	.3	10.3	3.0	2.4	1.3	-
39	Miscellaneous products of manufacturing	31	100.0	5.4	5.0	5.5	7.5	3.3	.3	.2
	TON-MILES OF SHIPMENTS	(millions of ton-miles)								
	Production Area 09, total.....	2,103	100.0	4.8	1.5	3.2	4.1	2.4	.5	.1
20	Food and kindred products.....	364	100.0	13.4	2.0	7.3	4.8	2.7	-	-
26	Pulp, paper, and allied products.....	288	100.0	3.7	1.4	3.4	1.6	2.1	1.0	.1
262	Paper (except building paper).....	152	100.0	6.2	2.2	4.4	2.4	3.4	.7	.2
2621	Paper (except building paper).....	152	100.0	6.2	2.2	4.4	2.4	3.4	.7	.2
28	Chemicals and allied products.....	517	100.0	4.0	.7	1.5	9.2	4.3	.9	.4
32	Stone, clay, and glass products.....	104	100.0	10.1	8.4	7.5	6.1	1.4	-	-
33	Primary metal products.....	125	100.0	1.7	1.6	2.8	3.2	1.6	.1	-
331	Steel works and rolling mill products..	24	100.0	5.3	2.2	.4	1.9	1.9	-	-
3312	Primary iron and steel products (except coke-oven products).....	24	100.0	5.3	2.2	.4	1.9	1.9	-	-
335	Nonferrous metal basic shapes.....	94	100.0	.9	1.5	3.4	3.5	1.5	.1	-
35	Machinery, except electrical.....	316	100.0	.7	.3	1.3	1.0	1.2	.3	-
37	Transportation equipment.....	62	100.0	.1	.1	3.3	1.0	1.2	.8	-
39	Miscellaneous products of manufacturing	19	100.0	2.2	1.5	1.7	2.2	1.2	.1	.1

See footnotes at end of table.

TABLE 4. Percent Distribution of Commodities, by Production Area of Destination: 1967--Continued

code	Commodity	Percent distribution by production area ¹ of destination—Continued									
		8 (HARR)	9 ² (SYRA)	10 (BUFF)	11 (CLEV)	12 (PITT)	13 (DETR)	14 (CINC)	15 (CHIC)	16 (MILW)	17 (M-SP)
	TONS OF SHIPMENTS										
	Production Area 09, total.....	1.3	8.0	8.8	1.4	0.9	1.6	0.8	2.4	0.2	0.4
20	Food and kindred products.....	1.2	13.9	6.6	.5	.3	.6	.3	.6	.1	-
26	Pulp, paper, and allied products.....	4.8	2.7	7.8	.2	2.7	2.6	2.9	7.0	.5	.5
262	Paper (except building paper).....	3.2	1.3	4.9	.2	.5	2.4	4.8	10.0	.3	.8
2621	Paper (except building paper).....	3.2	1.3	4.9	.2	.5	2.4	4.8	10.0	.3	.8
28	Chemicals and allied products.....	1.0	2.6	3.1	1.0	.6	.8	.3	3.5	.1	.3
32	Stone, clay, and glass products.....	-	8.6	34.8	.3	-	.6	1.0	-	-	.1
33	Primary metal products.....	.8	5.4	3.9	7.7	2.0	3.2	3.4	8.1	.7	1.4
331	Steel works and rolling mill products..	-	8.1	3.8	12.2	2.2	.2	2.7	15.1	3.5	.2
3312	Primary iron and steel products (except coke-oven products).....	-	8.2	3.8	12.3	2.2	.2	2.8	15.3	3.6	.2
335	Nonferrous metal basic shapes.....	1.1	4.6	4.1	5.7	2.1	4.2	2.9	6.1	-	1.5
35	Machinery, except electrical.....	.4	1.0	.2	5.6	.6	1.0	.4	1.3	.2	.4
37	Transportation equipment.....	5.3	.1	13.5	2.9	.1	25.1	-	2.5	.3	.1
39	Miscellaneous products of manufacturing	.2	1.5	1.5	1.9	4.0	1.2	2.9	5.9	.1	.4
	TON-MILES OF SHIPMENTS										
	Production Area 09, total.....	.9	1.7	3.0	1.4	.8	2.0	1.4	5.0	.5	1.0
20	Food and kindred products.....	1.5	5.5	4.5	.9	.6	1.3	.9	2.2	.5	-
26	Pulp, paper, and allied products.....	2.6	.2	2.9	.1	2.1	2.6	4.0	11.7	.7	1.1
262	Paper (except building paper).....	1.9	.1	3.0	.1	.5	3.0	7.5	19.0	.7	2.1
2621	Paper (except building paper).....	1.9	.1	3.0	.1	.5	3.0	7.5	19.0	.7	2.1
28	Chemicals and allied products.....	.6	.7	1.0	.8	.5	.8	.4	5.9	.2	.6
32	Stone, clay, and glass products.....	-	5.1	25.3	.8	.1	1.8	4.9	.2	.2	.6
33	Primary metal products.....	.4	.6	1.4	5.6	1.4	2.8	4.2	11.5	1.0	2.9
331	Steel works and rolling mill products..	-	.9	1.3	8.5	1.5	.2	3.1	21.2	5.3	.5
3312	Primary iron and steel products (except coke-oven products).....	-	.9	1.3	8.6	1.5	.2	3.1	21.3	5.3	.5
335	Nonferrous metal basic shapes.....	.5	.5	1.5	4.2	1.4	3.7	3.6	8.7	-	3.1
35	Machinery, except electrical.....	.1	.1	-	2.0	.2	.5	.3	1.0	.1	.4
37	Transportation equipment.....	2.8	-	4.2	2.1	-	20.3	-	3.8	.4	.2
39	Miscellaneous products of manufacturing	.1	.2	.3	.9	1.7	.7	2.3	6.0	.1	.6

See footnotes at end of table.

TABLE 4. Percent Distribution of Commodities, by Production Area of Destination: 1967--Continued

TCC code	Commodity	Percent distribution by production area ¹ of destination--Continued									Sampling vari- ability code ³
		18 (STLO)	19 (ATLA)	20 (DALL)	21 (HOUS)	22 (DENV)	23 (SETL)	24 (SANF)	25 (LOSA)	All other	
	TONS OF SHIPMENTS										
	Production Area 09, total.....	0.9	0.6	0.3	0.2	0.1	0.3	0.4	0.7	43.4	-
20	Food and kindred products.....	.3	.5	.3	-	.1	-	-	-	50.8	d
26	Pulp, paper, and allied products.....	.1	3.0	.3	-	-	-	.1	.4	33.9	c
262	Paper (except building paper).....	-	3.2	.4	-	-	-	-	-	28.2	c
2621	Paper (except building paper).....	-	3.2	.4	-	-	-	-	-	28.2	c
28	Chemicals and allied products.....	1.7	.3	.5	.1	.1	-	.9	.2	46.2	a
32	Stone, clay, and glass products.....	.1	-	-	.1	-	-	-	-	24.7	d
33	Primary metal products.....	1.6	.1	.1	.2	-	-	1.6	1.6	33.4	c
331	Steel works and rolling mill products..	.1	.1	.1	.1	-	-	.1	2.9	22.7	b
3312	Primary iron and steel products (except coke-oven products).....	.1	.1	.1	.1	-	-	.1	2.9	21.8	b
335	Nonferrous metal basic shapes.....	2.0	.2	.1	.3	.1	-	2.0	1.4	37.1	d
35	Machinery, except electrical.....	2.3	1.0	.3	.5	.3	5.0	.3	6.5	52.3	b
37	Transportation equipment.....	2.9	.1	.4	-	-	-	1.1	2.7	25.4	b
39	Miscellaneous products of manufacturing	.8	.2	1.2	.1	.3	.2	1.0	.9	48.5	d
	TON-MILES OF SHIPMENTS										
	Production Area 09, total.....	2.2	1.7	1.1	1.1	.6	2.5	3.4	5.1	48.0	-
20	Food and kindred products.....	1.7	2.3	2.2	-	1.2	-	-	.4	44.1	-
26	Pulp, paper, and allied products.....	.2	5.9	.9	-	.1	-	.5	2.3	48.8	-
262	Paper (except building paper).....	-	7.2	1.7	-	.1	-	.3	.3	33.0	-
2621	Paper (except building paper).....	-	7.2	1.7	-	.1	-	.3	.3	33.0	-
28	Chemicals and allied products.....	3.7	.7	1.6	.2	.5	.2	5.7	1.2	53.7	-
32	Stone, clay, and glass products.....	.7	-	.2	1.3	.1	-	.1	.5	24.6	-
33	Primary metal products.....	3.0	.3	.2	.8	.1	-	8.7	8.6	35.5	-
331	Steel works and rolling mill products..	.2	.1	.4	.5	-	-	.7	15.8	28.1	-
3312	Primary iron and steel products (except coke-oven products).....	.2	.1	.4	.5	-	-	.7	15.9	27.8	-
335	Nonferrous metal basic shapes.....	3.7	.3	.2	.9	.2	-	11.3	7.3	38.0	-
35	Machinery, except electrical.....	2.3	.9	.5	.8	.5	13.4	.9	18.0	53.2	-
37	Transportation equipment.....	5.1	.1	1.3	-	-	-	6.1	14.5	32.6	-
39	Miscellaneous products of manufacturing	1.0	.3	2.6	.3	.6	.6	3.8	3.3	65.6	-

¹Designations below the area numbers are used to help identify the area. Descriptions of production areas appear on page 4.

²Includes only those shipments that originated in one city in this area and terminated in another city in this area. Does not include shipments originating and terminating in the same city.

³Code letter indicates a sampling variability range as follows: a, 0-9 percent; b, 10-19 percent; c, 20-29 percent; and d, 30-50 percent. The variability for ton-miles has not been estimated.

PRODUCTION AREA 10

Consists of two Standard Metropolitan Statistical Areas:
Buffalo, N.Y., and Rochester, N.Y.

SUMMARY

The estimates of tons and ton-miles are based on reports from a sample of shipments by approximately 221 manufacturing establishments located in this Production Area. The total tons and ton-miles represent the total inter-city shipments by essentially all manufacturing establishments in the area, except for plants with less than 20 employees. However, since the data are based on a sample, the estimates necessarily are subject to "sampling variability."

The approximate degree of sampling variability for tons for each commodity or commodity class is indicated in the last column of tables 1 to 4. In general, most of the commodity data in this report are subject to substantial sampling variability and should be treated as approximate rather than precise measures.

About 23.4 million tons of commodities were shipped by plants in this area to destinations beyond the local area. These shipments generated 7.0 billion ton-miles by all means of transport combined, and averaged about 300 straight-line miles per ton shipped.

Rail is the dominant means of transport, hauling slightly over 42 percent of the total tons. When measured in terms of ton-miles rather than tons, rail is still the dominant means of transport, accounting for almost 53 percent of the total ton-miles.

Comparisons between 1967 and 1963 data are presented in tables A through D. The 1967 survey is comparable with 1963, except for the exclusion from the survey, in 1967, of plants with less than 20 employees. Nationally, those plants accounted for only 4 percent of the total tons originated in the 1963 survey.

**Table A. PERCENT DISTRIBUTION OF SHIPMENTS
BY MEANS OF TRANSPORT**

Means of transport	All commodities	
	1967	1963
Tons of shipments.....millions..	23.4	14.0
Ton-miles.....billions..	7.0	4.6
TONS OF SHIPMENTS		
	Percent distribution	
All means of transport.....	100.0	100.0
Rail.....	42.2	45.0
Motor carrier.....	24.7	34.3
Private truck.....	11.4	10.9
Air.....	.1	.1
Water.....	20.9	8.1
Other.....	.7	1.6
TON-MILES		
All means of transport.....	100.0	100.0
Rail.....	52.7	56.9
Motor carrier.....	23.5	30.9
Private truck.....	4.8	4.4
Air.....	.2	.2
Water.....	17.8	5.6
Other.....	1.0	2.0

Note: Ton-miles are the product of weight times distance on a straight-line distance basis.

**Table C. PERCENT DISTRIBUTION OF SHIPMENTS
BY DISTANCE OF SHIPMENT**

Distance shipped	All commodities	
	1967	1963
TONS OF SHIPMENTS		
All distances.....	100.0	100.0
Under 100 miles.....	15.0	16.9
100 to 199 miles.....	13.1	15.9
200 to 299 miles.....	49.5	32.7
300 to 499 miles.....	13.0	22.4
500 to 999 miles.....	5.8	7.5
1,000 to 1,499 miles.....	1.8	2.0
1,500 miles and over.....	1.8	2.6

**Table B. AVERAGE LENGTH OF HAUL
BY MEANS OF TRANSPORT**

Means of transport	(Straight-line miles)	
	1967	1963
All means of transport.....	300	333
Rail.....	375	421
Motor carrier.....	286	300
Private truck.....	126	135

Note: Average length of haul is based on straight-line miles from plant to customer or redistribution point, weighted by tonnage shipped (i.e., ton-miles divided by tons). Rail short-line and highway direct-route distances average about 24 and 21 percent, respectively, longer than straight-line distances.

**Table D. PERCENT DISTRIBUTION OF SHIPMENTS
BY AREA OF DESTINATION**

Area of destination	All commodities	
	1967	1963
Tons of shipments.....thousands..	23,377	13,960
Ton-miles.....millions..	7,018	4,647
TONS OF SHIPMENTS		
	Percent distribution	
All areas.....	100.0	100.0
Production Area 10 ¹	9.8	8.3
Other production areas.....	44.6	57.6
All other areas.....	45.6	34.1
TON-MILES		
All areas.....	100.0	100.0
Production Area 10 ¹	1.2	.8
Other production areas.....	52.4	61.1
All other areas.....	46.4	38.1

¹Includes only those shipments that originated in one city in this area and terminated in another city in this area.

TABLE 1. Percent Distribution of Commodities, by Means of Transport: 1967

TCC code	Commodity	Number	Percent distribution by means of transport								Sampling variability code ¹
			All means of transport	Rail	Motor carrier	Private truck	Air	Water	Other	Unknown	
	TONS OF SHIPMENTS	(thousands of tons)									
	Production Area 10, total.....	23,377	100.0	42.2	24.7	11.4	0.1	20.9	0.7	-	-
20	Food and kindred products.....	5,776	100.0	54.4	20.1	25.3	-	.2	-	-	c
201	Meat, poultry, and small game; fresh, chilled or frozen.....	30	100.0	-	7.8	92.2	-	-	-	-	c
2013	Meat products.....	15	100.0	-	15.4	84.6	-	-	-	-	d
20132	Meats and sausage, cooked, cured, dried, smoked, or salted.....	15	100.0	-	15.6	84.4	-	-	-	-	d
203	Canned and preserved fruits, vegetables, and seafoods.....	1,118	100.0	25.4	62.2	12.4	-	-	-	-	d
2033	Canned fruits and vegetables.....	425	100.0	13.5	57.7	28.8	-	-	-	-	d
20332	Canned vegetables.....	188	100.0	13.4	59.2	27.4	-	-	-	-	d
204	Grain mill products.....	3,704	100.0	75.8	9.5	14.7	-	-	-	-	d
23	Apparel, including knit apparel, and other finished textile products.....	13	100.0	-	87.1	1.9	.8	-	10.2	-	d
26	Pulp, paper, and allied products.....	1,077	100.0	49.9	29.8	19.9	.1	-	-	0.3	c
262	Paper (except building paper).....	540	100.0	61.1	33.9	4.5	-	-	-	.5	d
2621	Paper (except building paper).....	540	100.0	61.1	33.9	4.5	-	-	-	.5	d
263	Paperboard, fiberboard, and pulpboard (except insulating board).....	47	100.0	23.1	34.1	42.7	-	-	-	.1	d
2631	Paperboard, fiberboard, and pulpboard (except insulating board).....	47	100.0	23.1	34.1	42.7	-	-	-	.1	d
26311	Paperboard, fiberboard, and pulpboard (except insulating board).....	47	100.0	23.1	34.1	42.7	-	-	-	.1	d
264	Converted paper and paperboard products (except containers and boxes)....	148	100.0	74.1	23.4	2.2	-	-	.3	-	b
28	Chemicals and allied products.....	2,291	100.0	66.3	15.8	14.2	-	-	3.7	-	c
281	Industrial chemicals.....	1,733	100.0	81.4	11.6	2.5	-	-	4.5	-	d
2812	Basic inorganic chemical compounds (including chlorine, potassium, and sodium compounds).....	1,020	100.0	88.9	6.2	.3	-	-	4.6	-	d
2818	Miscellaneous industrial organic chemicals.....	359	100.0	84.1	10.6	.3	-	-	5.0	-	d
2819	Miscellaneous industrial inorganic chemicals.....	245	100.0	69.1	20.0	5.8	-	-	5.1	-	d
282	Plastic materials and plasticizers, synthetic resins, rubbers, and fibers.	107	100.0	14.3	69.5	16.2	-	-	-	-	b
2821	Plastic materials and plasticizers, synthetic resins, rubbers, and fibers.	107	100.0	14.3	69.5	16.2	-	-	-	-	b
28211	Plastic materials and plasticizers, synthetic resins, and nonvulcanizable elastomers.....	102	100.0	12.6	70.3	17.1	-	-	-	-	b
289	Miscellaneous chemical products.....	53	100.0	14.7	85.3	-	-	-	-	-	c
2899	Chemical products, n.e.c.....	49	100.0	16.2	83.8	-	-	-	-	-	c
28999	Chemical products, n.e.c.....	32	100.0	22.2	77.8	-	-	-	-	-	c
30	Rubber and miscellaneous plastics products.....	147	100.0	15.3	77.6	6.0	.5	-	.6	-	c
307	Miscellaneous plastic products.....	62	100.0	11.9	86.2	-	1.0	-	.9	-	c
3071	Miscellaneous plastic products.....	62	100.0	11.9	86.2	-	1.0	-	.9	-	c
30719	Fabricated plastics products, n.e.c. (including footwear made wholly of plastic).....	35	100.0	-	97.4	-	1.5	-	1.1	-	c
33	Primary metal products.....	2,995	100.0	48.8	42.1	6.0	-	3.0	.1	-	c
33124	Bars, bar shapes, and rods.....	1,077	100.0	55.4	37.5	.6	-	6.5	-	-	c

See footnote at end of table.

TABLE 1. Percent Distribution of Commodities, by Means of Transport: 1967--Continued

TCC code	Commodity	Number	Percent distribution by means of transport								Sampling variability code ¹
			All means of transport	Rail	Motor carrier	Private truck	Air	Water	Other	Unknown	
	TONS OF SHIPMENTS--Con.	(thousands of tons)									
332	Iron and steel castings.....	119	100.0	34.8	62.7	2.4	-	-	0.1	-	c
3321	Iron and steel castings.....	119	100.0	34.8	62.7	2.4	-	-	.1	-	c
33219	Iron and steel castings, n.e.c.....	119	100.0	34.8	62.7	2.4	-	-	.1	-	c
335	Nonferrous metal basic shapes.....	142	100.0	14.7	62.7	20.4	0.7	-	1.5	-	c
339	Miscellaneous primary metal products...	99	100.0	34.5	65.5	-	-	-	-	-	d
3391	Iron and steel forgings.....	91	100.0	37.5	62.5	-	-	-	-	-	d
33911	Iron and steel forgings.....	91	100.0	37.5	62.5	-	-	-	-	-	d
34	Fabricated metal products.....	1,324	100.0	52.6	34.8	2.2	.1	10.2	.1	-	b
342	Cutlery, hand tools, and general hardware.....	21	100.0	21.0	78.6	-	.1	-	.2	0.1	d
35	Machinery, except electrical.....	325	100.0	43.8	51.7	.8	1.3	.1	1.4	.9	b
354	Metalworking machinery and equipment...	43	100.0	.1	98.8	-	.6	-	.2	.3	b
356	General industrial machinery and equipment.....	35	100.0	21.9	65.9	3.1	1.0	.1	8.0	-	b
36	Electrical machinery and equipment.....	282	100.0	20.6	52.1	5.2	.4	-	21.7	-	c
362	Electrical industrial apparatus.....	236	100.0	23.6	45.9	5.9	-	-	24.6	-	d
39	Miscellaneous products of manufacturing	30	100.0	4.7	78.7	3.6	.9	-	12.1	-	d
	TON-MILES OF SHIPMENTS	(millions of ton-miles)									
	Production Area 10, total.....	7,018	100.0	52.7	23.5	4.8	.2	17.8	.9	.1	-
20	Food and kindred products.....	1,528	100.0	62.2	22.2	14.5	-	1.1	-	-	-
201	Meat, poultry, and small game; fresh, chilled or frozen.....	3	100.0	-	6.7	93.3	-	-	-	-	-
2013	Meat products.....	1	100.0	-	17.2	82.8	-	-	-	-	-
20132	Meats and sausage, cooked, cured, dried, smoked, or salted.....	1	100.0	-	17.5	82.5	-	-	-	-	-
203	Canned and preserved fruits, vegetables, and seafoods.....	475	100.0	43.9	45.5	10.6	-	-	-	-	-
2033	Canned fruits and vegetables.....	185	100.0	27.4	46.8	25.8	-	-	-	-	-
20332	Canned vegetables.....	70	100.0	24.2	56.8	19.0	-	-	-	-	-
204	Grain mill products.....	829	100.0	86.6	5.8	7.6	-	-	-	-	-
23	Apparel, including knit apparel, and other finished textile products.....	7	100.0	-	83.5	.2	1.2	-	15.1	-	-
26	Pulp, paper, and allied products.....	382	100.0	69.8	24.1	5.5	.1	-	.2	.3	-
262	Paper (except building paper).....	239	100.0	72.9	23.7	2.9	-	-	-	.5	-
2621	Paper (except building paper).....	239	100.0	72.9	23.7	2.9	-	-	-	.5	-
263	Paperboard, fiberboard, and pulpboard (except insulating board).....	7	100.0	36.9	36.3	26.6	-	-	-	.2	-
2631	Paperboard, fiberboard, and pulpboard (except insulating board).....	7	100.0	36.9	36.3	26.6	-	-	-	.2	-
26311	Paperboard, fiberboard, and pulpboard (except insulating board).....	7	100.0	36.9	36.3	26.6	-	-	-	.2	-
264	Converted paper and paperboard products (except containers and boxes)....	48	100.0	71.6	25.6	1.0	.1	-	1.7	-	-
28	Chemicals and allied products.....	687	100.0	76.3	16.4	5.0	-	-	2.3	-	-
281	Industrial chemicals.....	537	100.0	87.4	9.1	1.0	-	-	2.5	-	-
2812	Basic inorganic chemical compounds (including chlorine, potassium, and sodium compounds).....	298	100.0	93.5	4.4	.2	-	-	1.9	-	-
2818	Miscellaneous industrial organic chemicals.....	159	100.0	89.2	7.5	.3	-	-	3.0	-	-
2819	Miscellaneous industrial inorganic chemicals.....	59	100.0	74.7	17.7	2.4	-	-	5.2	-	-

See footnote at end of table.

TABLE 1. Percent Distribution of Commodities, by Means of Transport: 1967--Continued

TCC code	Commodity	Number	Percent distribution by means of transport								Sampling variability code ¹
			All means of transport	Rail	Motor carrier	Private truck	Air	Water	Other	Unknown	
	TON-MILES OF SHIPMENTS--Con.	(millions of ton-miles)									
282	Plastic materials and plasticizers, synthetic resins, rubbers, and fibers.	54	100.0	34.9	51.3	13.6	-	0.2	-	-	-
2821	Plastic materials and plasticizers, synthetic resins, rubbers, and fibers.	54	100.0	34.9	51.3	13.6	-	.2	-	-	-
28211	Plastic materials and plasticizers, synthetic resins, and nonvulcanizable elastomers.....	47	100.0	29.4	54.9	15.6	0.1	-	-	-	-
289	Miscellaneous chemical products.....	35	100.0	34.2	65.8	-	-	-	-	-	-
2899	Chemical products, n.e.c.....	32	100.0	36.6	63.4	-	-	-	-	-	-
28999	Chemical products, n.e.c.....	22	100.0	47.7	52.3	-	-	-	-	-	-
30	Rubber and miscellaneous plastics products.....	79	100.0	30.0	61.4	7.1	.5	.1	0.9	-	-
307	Miscellaneous plastic products.....	24	100.0	14.4	83.3	-	1.2	.3	.8	-	-
3071	Miscellaneous plastic products.....	24	100.0	14.4	83.3	-	1.2	.3	.8	-	-
30719	Fabricated plastics products, n.e.c. (including footwear made wholly of plastic).....	11	100.0	-	96.3	-	2.1	.6	1.0	-	-
33	Primary metal products.....	951	100.0	58.4	36.4	2.4	.1	2.5	.2	-	-
33124	Bars, bar shapes, and rods.....	298	100.0	64.1	30.4	.3	-	5.1	.1	-	-
332	Iron and steel castings.....	38	100.0	54.0	45.0	.4	-	-	.6	-	-
3321	Iron and steel castings.....	38	100.0	54.0	45.0	.4	-	-	.6	-	-
33219	Iron and steel castings, n.e.c.....	38	100.0	54.0	45.0	.4	-	-	.6	-	-
335	Nonferrous metal basic shapes.....	63	100.0	15.1	68.9	13.0	1.3	-	1.7	-	-
339	Miscellaneous primary metal products...	33	100.0	24.8	75.2	-	-	-	-	-	-
3391	Iron and steel forgings.....	31	100.0	26.2	73.8	-	-	-	-	-	-
33911	Iron and steel forgings.....	31	100.0	26.2	73.8	-	-	-	-	-	-
34	Fabricated metal products.....	559	100.0	55.5	32.5	.6	.1	11.2	.1	-	-
342	Cutlery, hand tools, and general hardware.....	14	100.0	18.0	81.4	-	.1	-	.4	0.1	-
35	Machinery, except electrical.....	207	100.0	50.2	42.5	.8	1.9	.1	2.8	1.7	-
354	Metalworking machinery and equipment...	15	100.0	.2	98.1	-	1.3	-	.2	.2	-
356	General industrial machinery and equipment.....	32	100.0	34.3	44.8	5.1	.7	.4	14.7	-	-
36	Electrical machinery and equipment.....	157	100.0	29.2	47.2	3.7	.8	.3	18.8	-	-
362	Electrical industrial apparatus.....	122	100.0	35.6	38.3	4.7	.1	-	21.3	-	-
39	Miscellaneous products of manufacturing	16	100.0	7.2	76.7	3.4	1.1	-	11.6	-	-

¹Code letter indicates a sampling variability range as follows: a, 0-9 percent; b, 10-19 percent; c, 20-29 percent; and d, 30-50 percent. The variability for ton-miles has not been estimated.

TABLE 2. Percent Distribution of Commodities, by Distance of Shipment: 1967

TCC code	Commodity	Number	Percent distribution by distance of shipment								Sampling variability code ¹
			All distances	Under 100 miles	100 to 199 miles	200 to 299 miles	300 to 499 miles	500 to 999 miles	1,000 to 1,499 miles	1,500 miles or over	
	TONS OF SHIPMENTS	(thousands of tons)									
	Production Area 10, total.....	23,377	100.0	15.0	13.1	49.5	13.0	5.8	1.8	1.8	-
20	Food and kindred products.....	5,776	100.0	20.7	17.7	39.2	15.7	4.1	1.5	1.1	c
201	Meat, poultry, and small game; fresh, chilled or frozen.....	30	100.0	72.6	16.2	11.0	-	.2	-	-	c
2013	Meat products.....	15	100.0	76.8	21.0	1.8	-	.4	-	-	d
20132	Meats and sausage, cooked, cured, dried, smoked, or salted.....	15	100.0	77.8	20.0	1.8	-	.4	-	-	d
203	Canned and preserved fruits, vegetables, and seafoods.....	1,118	100.0	8.9	7.5	41.7	19.2	14.5	3.9	4.3	d
2033	Canned fruits and vegetables.....	425	100.0	7.9	6.8	44.7	16.0	14.4	6.7	3.5	d
20332	Canned vegetables.....	188	100.0	12.2	11.3	38.6	17.6	13.9	3.9	2.5	d
204	Grain mill products.....	3,704	100.0	17.9	23.1	39.7	18.1	1.1	.1	-	d
23	Apparel, including knit apparel, and other finished textile products.....	13	100.0	5.9	6.6	49.3	10.8	12.3	7.6	7.5	d
26	Pulp, paper, and allied products.....	1,077	100.0	22.8	10.6	28.4	21.1	11.3	3.7	2.1	c
262	Paper (except building paper).....	540	100.0	3.0	2.6	45.1	29.5	12.8	4.6	2.4	d
2621	Paper (except building paper).....	540	100.0	3.0	2.6	45.1	29.5	12.8	4.6	2.4	d
263	Paperboard, fiberboard, and pulpboard (except insulating board).....	47	100.0	42.2	23.7	24.0	9.4	.6	.1	-	d
2631	Paperboard, fiberboard, and pulpboard (except insulating board).....	47	100.0	42.2	23.7	24.0	9.4	.6	.1	-	d
26311	Paperboard, fiberboard, and pulpboard (except insulating board).....	47	100.0	42.2	23.7	24.0	9.4	.6	.1	-	d
264	Converted paper and paperboard products (except containers and boxes)....	148	100.0	12.0	33.9	16.1	22.9	13.5	1.2	.4	b
28	Chemicals and allied products.....	2,291	100.0	17.7	13.2	31.7	27.6	8.0	.6	1.2	c
281	Industrial chemicals.....	1,733	100.0	10.5	11.5	36.5	31.8	8.4	.4	.9	d
2812	Basic inorganic chemical compounds (including chlorine, potassium, and sodium compounds).....	1,020	100.0	10.1	10.0	47.1	22.4	10.1	.1	.2	d
2818	Miscellaneous industrial organic chemicals.....	359	100.0	4.0	3.5	12.8	66.3	8.5	1.2	3.7	d
2819	Miscellaneous industrial inorganic chemicals.....	245	100.0	20.0	20.9	23.4	31.5	4.0	.2	-	d
282	Plastic materials and plasticizers, synthetic resins, rubbers, and fibers.	107	100.0	4.7	9.7	27.7	38.6	10.9	1.3	7.1	b
2821	Plastic materials and plasticizers, synthetic resins, rubbers, and fibers.	107	100.0	4.7	9.7	27.7	38.6	10.9	1.3	7.1	b
28211	Plastic materials and plasticizers, synthetic resins, and nonvulcanizable elastomers.....	102	100.0	4.9	10.2	27.9	40.1	10.8	.9	5.2	b
289	Miscellaneous chemical products.....	53	100.0	1.6	2.2	21.4	17.9	39.6	10.5	6.8	d
2899	Chemical products, n.e.c.....	49	100.0	1.3	.9	22.1	15.9	41.6	10.7	7.5	d
28999	Chemical products, n.e.c.....	32	100.0	1.9	.4	30.9	22.5	19.1	16.1	9.1	c
30	Rubber and miscellaneous plastics products.....	147	100.0	4.1	7.4	28.3	25.9	22.3	6.1	5.9	b
307	Miscellaneous plastic products.....	62	100.0	8.9	10.5	35.3	23.3	16.6	2.1	3.3	c
3071	Miscellaneous plastic products.....	62	100.0	8.9	10.5	35.3	23.3	16.6	2.1	3.3	c
30719	Fabricated plastics products, n.e.c. (including footwear made wholly of plastic).....	35	100.0	14.1	11.8	36.6	21.8	11.4	3.1	1.2	d
33	Primary metal products.....	2,995	100.0	7.6	16.5	47.4	19.0	5.3	3.3	.9	b
33124	Bars, bar shapes, and rods.....	1,077	100.0	4.0	18.1	52.3	23.1	.5	1.8	.2	b

See footnote at end of table.

TABLE 2. Percent Distribution of Commodities, by Distance of Shipment: 1967--Continued

TCC code	Commodity	Number	Percent distribution by distance of shipment								Sampling vari- ability code ¹
			All dis- tances	Under 100 miles	100 to 199 miles	200 to 299 miles	300 to 499 miles	500 to 999 miles	1,000 to 1,499 miles	1,500 miles or over	
	TONS OF SHIPMENTS--Con.	(thousands of tons)									
332	Iron and steel castings.....	119	100.0	16.0	27.5	18.8	24.4	10.6	0.8	1.9	c
3321	Iron and steel castings.....	119	100.0	16.0	27.5	18.8	24.4	10.6	.8	1.9	c
33219	Iron and steel castings, n.e.c.....	119	100.0	16.0	27.5	18.8	24.4	10.6	.8	1.9	c
335	Nonferrous metal basic shapes.....	142	100.0	.9	10.4	12.6	63.4	11.8	.4	.5	c
339	Miscellaneous primary metal products...	99	100.0	3.2	.7	72.3	12.1	8.9	.5	2.3	d
3391	Iron and steel forgings.....	91	100.0	.1	.8	73.5	13.1	9.7	.4	2.4	d
33911	Iron and steel forgings.....	91	100.0	.1	.8	73.5	13.1	9.7	.4	2.4	d
34	Fabricated metal products.....	1,324	100.0	7.2	27.2	29.6	15.6	12.0	2.9	5.5	b
342	Cutlery, hand tools, and general hardware.....	21	100.0	.2	2.2	47.9	27.3	1.5	3.7	17.2	d
35	Machinery, except electrical.....	325	100.0	3.2	1.6	36.8	19.8	18.5	12.0	8.1	b
354	Metalworking machinery and equipment...	43	100.0	15.9	.7	53.2	13.6	9.2	5.6	1.8	b
356	General industrial machinery and equipment.....	35	100.0	4.7	6.5	23.9	9.6	20.0	11.3	24.0	b
36	Electrical machinery and equipment.....	282	100.0	6.7	11.8	17.8	36.6	13.1	4.6	9.4	c
362	Electrical industrial apparatus.....	236	100.0	6.3	12.6	16.8	39.9	13.1	3.2	8.1	d
39	Miscellaneous products of manufacturing	30	100.0	2.7	3.0	39.1	18.3	21.5	11.1	4.3	d
	TON-MILES OF SHIPMENTS	(millions of ton-miles)									
	Production Area 10, total.....	7,018	100.0	2.3	6.9	41.3	16.5	13.0	7.2	12.8	-
20	Food and kindred products.....	1,528	100.0	4.0	10.4	38.1	21.9	9.9	6.8	8.9	-
201	Meat, poultry, and small game; fresh, chilled or frozen.....	3	100.0	44.7	21.6	32.4	-	1.3	-	-	-
2013	Meat products.....	1	100.0	55.2	35.3	6.2	-	3.3	-	-	-
20132	Meats and sausage, cooked, cured, dried, smoked, or salted.....	1	100.0	56.4	34.0	6.3	-	3.3	-	-	-
203	Canned and preserved fruits, vege- tables, and seafoods.....	475	100.0	1.2	2.9	24.4	16.8	20.7	10.9	23.1	-
2033	Canned fruits and vegetables.....	185	100.0	1.0	2.5	25.3	13.7	20.7	18.7	18.1	-
20332	Canned vegetables.....	70	100.0	1.6	4.8	25.7	17.4	23.0	12.1	15.4	-
204	Grain mill products.....	829	100.0	4.3	16.1	46.3	29.8	3.0	.2	.3	-
23	Apparel, including knit apparel, and other finished textile products.....	7	100.0	.6	2.2	24.6	8.3	15.0	18.9	30.4	-
26	Pulp, paper, and allied products.....	382	100.0	2.6	4.9	21.6	22.4	23.9	11.4	13.2	-
262	Paper (except building paper).....	239	100.0	.3	1.0	27.6	25.0	22.7	11.0	12.4	-
2621	Paper (except building paper).....	239	100.0	.3	1.0	27.6	25.0	22.7	11.0	12.4	-
263	Paperboard, fiberboard, and pulpboard (except insulating board).....	7	100.0	8.1	23.8	39.1	25.8	2.2	1.0	-	-
2631	Paperboard, fiberboard, and pulpboard (except insulating board).....	7	100.0	8.1	23.8	39.1	25.8	2.2	1.0	-	-
26311	Paperboard, fiberboard, and pulpboard (except insulating board).....	7	100.0	8.1	23.8	39.1	25.8	2.2	1.0	-	-
264	Converted paper and paperboard prod- ucts (except containers and boxes)....	48	100.0	1.4	18.5	13.4	26.3	33.1	4.5	2.8	-
28	Chemicals and allied products.....	687	100.0	2.8	6.5	28.7	34.9	15.7	2.6	8.8	-
281	Industrial chemicals.....	537	100.0	1.3	5.4	32.2	38.2	15.5	1.4	6.0	-
2812	Basic inorganic chemical compounds (including chlorine, potassium, and sodium compounds).....	298	100.0	1.3	5.1	45.0	28.0	19.2	.6	.8	-
2818	Miscellaneous industrial organic chemicals.....	159	100.0	.2	1.3	7.7	57.6	11.3	3.5	18.4	-
2819	Miscellaneous industrial inorganic chemicals.....	59	100.0	3.9	12.1	26.3	45.8	11.1	.7	.1	-

See footnote at end of table.

TABLE 2. Percent Distribution of Commodities, by Distance of Shipment: 1967--Continued

TCC code	Commodity	Number	Percent distribution by distance of shipment								Sampling variability code ¹
			All distances	Under 100 miles	100 to 199 miles	200 to 299 miles	300 to 499 miles	500 to 999 miles	1,000 to 1,499 miles	1,500 miles or over	
	TON-MILES OF SHIPMENTS--Con.	(millions of ton-miles)									
282	Plastic materials and plasticizers, synthetic resins, rubbers, and fibers.	54	100.0	0.3	3.4	14.8	32.9	14.2	3.0	31.4	-
2821	Plastic materials and plasticizers, synthetic resins, rubbers, and fibers.	54	100.0	.3	3.4	14.8	32.9	14.2	3.0	31.4	-
28211	Plastic materials and plasticizers, synthetic resins, and nonvulcanizable elastomers.....	47	100.0	.4	3.9	16.3	37.2	15.4	2.2	24.6	-
289	Miscellaneous chemical products.....	35	100.0	.1	.6	8.1	11.0	38.2	19.1	22.9	-
2899	Chemical products, n.e.c.....	32	100.0	-	.2	8.1	9.6	38.9	18.8	24.4	-
28999	Chemical products, n.e.c.....	22	100.0	.1	.1	11.3	13.2	17.6	28.2	29.5	-
30	Rubber and miscellaneous plastics products.....	79	100.0	.4	2.3	13.6	18.4	28.2	13.7	23.4	-
307	Miscellaneous plastic products.....	24	100.0	1.1	4.3	23.2	21.7	26.6	6.2	16.9	-
3071	Miscellaneous plastic products.....	24	100.0	1.1	4.3	23.2	21.7	26.6	6.2	16.9	-
30719	Fabricated plastics products, n.e.c. (including footwear made wholly of plastic).....	11	100.0	2.0	5.7	27.0	23.4	22.6	11.1	8.2	-
33	Primary metal products.....	951	100.0	1.2	8.7	36.4	23.5	11.8	12.2	6.2	-
33124	Bars, bar shapes, and rods.....	298	100.0	.6	10.9	46.2	32.3	1.2	7.5	1.3	-
332	Iron and steel castings.....	38	100.0	2.3	13.4	15.8	29.4	23.8	2.5	12.8	-
3321	Iron and steel castings.....	38	100.0	2.3	13.4	15.8	29.4	23.8	2.5	12.8	-
33219	Iron and steel castings, n.e.c.....	38	100.0	2.3	13.4	15.8	29.4	23.8	2.5	12.8	-
335	Nonferrous metal basic shapes.....	63	100.0	.1	3.7	7.8	62.0	23.1	1.0	2.3	-
339	Miscellaneous primary metal products...	33	100.0	.7	.3	53.3	12.3	16.4	1.7	15.3	-
3391	Iron and steel forgings.....	31	100.0	-	.4	52.2	12.9	17.3	1.3	15.9	-
33911	Iron and steel forgings.....	31	100.0	-	.4	52.2	12.9	17.3	1.3	15.9	-
34	Fabricated metal products.....	559	100.0	1.1	10.3	18.5	14.5	21.0	7.8	26.8	-
342	Cutlery, hand tools, and general hardware.....	14	100.0	-	.5	17.3	17.4	1.7	6.8	56.3	-
35	Machinery, except electrical.....	207	100.0	.3	.4	14.9	11.8	21.8	22.7	28.1	-
354	Metalworking machinery and equipment...	15	100.0	2.9	.3	37.4	15.5	15.7	17.1	11.1	-
356	General industrial machinery and equipment.....	32	100.0	.2	1.0	7.1	4.2	15.0	14.7	57.8	-
36	Electrical machinery and equipment.....	157	100.0	.6	3.5	8.2	28.5	16.4	10.2	32.6	-
362	Electrical industrial apparatus.....	122	100.0	.6	4.0	8.3	33.6	17.4	7.6	28.5	-
39	Miscellaneous products of manufacturing	16	100.0	.3	1.0	18.9	13.9	25.4	24.4	16.1	-

¹Code letter indicates a sampling variability range as follows: a, 0-9 percent; b, 10-19 percent; c, 20-29 percent; and d, 30-50 percent. The variability for ton-miles has not been estimated.

TABLE 3. Percent Distribution of Commodities, by Geographic Division of Destination: 1967

TCC code	Commodity	Number	Percent distribution by geographic division ¹ of destination										Sampling variability code ³
			All means of transport	New England	Middle Atlantic	East North Central	West North Central	South Atlantic	East South Central	West South Central	Mountain	Pacific ²	
	TONS OF SHIPMENTS	(thous. of tons)											
	Production Area 10, total.....	23,377	100.0	6.2	41.1	40.8	1.8	5.2	1.6	1.5	0.3	1.5	-
20	Food and kindred products.....	5,776	100.0	12.2	71.8	7.9	.9	4.3	.9	.9	.1	1.0	c
23	Apparel, including knit apparel, and other finished textile products.....	13	100.0	3.3	39.3	29.9	2.3	7.8	3.5	6.7	1.2	6.0	d
26	Pulp, paper, and allied products.....	1,077	100.0	10.5	52.5	18.4	2.4	7.2	5.6	1.3	.2	1.9	c
28	Chemicals and allied products.....	2,291	100.0	8.9	51.4	19.4	.5	14.4	3.7	.6	-	1.1	c
30	Rubber and miscellaneous plastics products.....	147	100.0	9.1	27.9	19.5	5.6	19.4	7.9	4.3	1.3	5.0	b
33	Primary metal products.....	2,995	100.0	9.3	27.6	52.5	3.3	1.0	2.2	2.7	.5	.9	b
34	Fabricated metal products.....	1,324	100.0	2.1	39.5	28.8	7.5	11.1	1.7	3.9	1.4	4.0	b
35	Machinery, except electrical.....	325	100.0	4.1	17.3	31.2	6.0	17.2	4.2	11.6	.6	7.8	b
36	Electrical machinery and equipment.....	282	100.0	1.5	20.7	47.4	9.3	5.3	2.6	3.8	5.8	3.6	c
39	Miscellaneous products of manufacturing	30	100.0	5.2	30.2	29.9	8.3	13.8	2.6	5.1	1.9	3.0	d
	TON-MILES OF SHIPMENTS	(millions of ton-miles)											
	Production Area 10, total.....	7,018	100.0	7.4	21.8	36.3	4.6	7.6	3.3	6.1	1.9	11.0	-
20	Food and kindred products.....	1,528	100.0	16.7	46.8	10.5	3.0	7.5	2.0	4.5	.5	8.5	-
23	Apparel, including knit apparel, and other finished textile products.....	7	100.0	1.8	16.5	19.7	4.3	6.7	4.7	17.2	3.9	25.2	-
26	Pulp, paper, and allied products.....	382	100.0	9.1	23.6	18.0	4.9	13.1	13.6	4.3	1.1	12.3	-
28	Chemicals and allied products.....	687	100.0	13.1	30.7	22.0	1.2	15.7	6.2	2.6	.2	8.3	-
30	Rubber and miscellaneous plastics products.....	79	100.0	5.4	10.9	13.1	8.3	19.2	9.1	9.7	3.6	20.7	-
33	Primary metal products.....	951	100.0	9.1	15.5	44.0	7.5	1.3	4.3	10.0	2.3	6.0	-
34	Fabricated metal products.....	559	100.0	2.0	17.5	18.9	13.5	9.5	2.0	10.0	5.6	21.0	-
35	Machinery, except electrical.....	207	100.0	2.2	5.8	16.5	8.0	11.3	5.4	22.0	1.3	27.5	-
36	Electrical machinery and equipment.....	157	100.0	.9	6.1	32.1	11.6	5.0	3.1	8.7	18.2	14.3	-
39	Miscellaneous products of manufacturing	16	100.0	3.0	13.0	23.8	14.0	13.0	3.8	12.0	5.4	12.0	-

¹States included in the geographic divisions are as follows: NEW ENGLAND--Maine, New Hampshire, Vermont, Massachusetts, Rhode Island, and Connecticut; MIDDLE ATLANTIC--New York, New Jersey, and Pennsylvania; EAST NORTH CENTRAL--Ohio, Indiana, Illinois, Michigan, and Wisconsin; WEST NORTH CENTRAL--Minnesota, Iowa, Missouri, North Dakota, South Dakota, Nebraska, and Kansas; SOUTH ATLANTIC--Delaware, Maryland, District of Columbia, Virginia, West Virginia, North Carolina, South Carolina, Georgia, and Florida; EAST SOUTH CENTRAL--Kentucky, Tennessee, Alabama, and Mississippi; WEST SOUTH CENTRAL--Arkansas, Louisiana, Oklahoma, and Texas; MOUNTAIN--Montana, Idaho, Wyoming, Colorado, New Mexico, Arizona, Utah, and Nevada; PACIFIC--Washington, Oregon, California, Alaska, and Hawaii.

²Shipments to Alaska and Hawaii from the 48 conterminous States and the District of Columbia are included; no data were obtained for shipments originating in Alaska and Hawaii.

³Code letter indicates a sampling variability range as follows: a, 0-9 percent; b, 10-19 percent; c, 20-29 percent; and d, 30-50 percent. The variability for ton-miles has not been estimated.

TABLE 4. Percent Distribution of Commodities, by Production Area of Destination: 1967

TCC code	Commodity	Number	Percent distribution by production area ¹ of destination							
			Total	1 (BOST)	2 (HART)	3 (NYNY)	4 (N. NJ)	5 (PHIL)	6 (BALT)	7 (ALLN)
	TONS OF SHIPMENTS	(thousands of tons)								
	Production Area 10, total.....	23,377	100.0	1.9	2.0	4.5	3.3	4.3	1.1	0.5
20	Food and kindred products.....	5,776	100.0	4.7	2.8	11.4	5.7	5.5	1.1	.7
201	Meat, poultry, and small game; fresh, chilled or frozen.....	30	100.0	-	-	-	-	-	2.1	-
2013	Meat products.....	15	100.0	-	-	-	-	-	-	-
20132	Meats and sausage, cooked, cured, dried, smoked, or salted.....	15	100.0	-	-	-	-	-	-	-
203	Canned and preserved fruits, vegetables, and seafoods.....	1,118	100.0	7.1	1.3	11.2	7.7	7.5	.9	.6
2033	Canned fruits and vegetables.....	425	100.0	5.0	2.5	18.1	7.9	5.0	.8	-
20332	Canned vegetables.....	188	100.0	6.6	3.9	11.2	7.3	4.5	1.4	.1
204	Grain mill products.....	3,704	100.0	4.9	3.9	7.7	5.6	6.1	1.4	.9
23	Apparel, including knit apparel, and other finished textile products.....	13	100.0	.8	1.4	5.7	6.8	12.4	1.1	.4
26	Pulp, paper, and allied products.....	1,077	100.0	3.5	4.8	4.2	4.0	10.9	.3	.6
262	Paper (except building paper).....	540	100.0	6.3	9.4	5.8	5.3	20.2	.4	.1
2621	Paper (except building paper).....	540	100.0	6.3	9.4	5.8	5.3	20.2	.4	.1
263	Paperboard, fiberboard, and pulpboard (except insulating board).....	47	100.0	.1	.2	6.5	4.0	2.4	-	-
2631	Paperboard, fiberboard, and pulpboard (except insulating board).....	47	100.0	.1	.2	6.5	4.0	2.4	-	-
26311	Paperboard, fiberboard, and pulpboard (except insulating board).....	47	100.0	.1	.2	6.5	4.0	2.4	-	-
264	Converted paper and paperboard products (except containers and boxes)....	148	100.0	1.4	.4	1.2	6.2	.9	-	3.8
28	Chemicals and allied products.....	2,291	100.0	1.7	1.2	.8	10.8	12.8	1.3	.2
281	Industrial chemicals.....	1,733	100.0	2.0	1.4	.5	12.4	16.4	1.5	.2
2812	Basic inorganic chemical compounds (including chlorine, potassium, and sodium compounds).....	1,020	100.0	2.3	1.8	.6	14.7	23.2	2.4	.4
2818	Miscellaneous industrial organic chemicals.....	359	100.0	.2	.3	.6	12.6	9.8	-	-
2819	Miscellaneous industrial inorganic chemicals.....	245	100.0	3.1	2.3	.1	7.7	3.0	.5	-
282	Plastic materials and plasticizers, synthetic resins, rubbers, and fibers.	107	100.0	1.0	2.6	5.3	3.8	1.2	.7	.6
2821	Plastic materials and plasticizers, synthetic resins, rubbers, and fibers.	107	100.0	1.0	2.6	5.3	3.8	1.2	.7	.6
28211	Plastic materials and plasticizers, synthetic resins, and nonvulcanizable elastomers.....	102	100.0	1.1	2.6	4.9	3.8	1.3	.7	.6
289	Miscellaneous chemical products.....	53	100.0	3.3	.5	3.1	7.4	7.5	.1	.1
2899	Chemical products, n.e.c.....	49	100.0	2.6	-	3.4	8.1	8.2	.1	-
28999	Chemical products, n.e.c.....	32	100.0	4.0	-	5.1	12.3	12.3	.1	-
30	Rubber and miscellaneous plastics products.....	147	100.0	5.1	3.3	2.4	8.4	3.9	.2	.4
307	Miscellaneous plastic products.....	62	100.0	8.2	5.9	2.4	8.6	2.1	.3	.6
3071	Miscellaneous plastic products.....	62	100.0	8.2	5.9	2.4	8.6	2.1	.3	.6
30719	Fabricated plastics products, n.e.c. (including footwear made wholly of plastic).....	35	100.0	12.4	7.8	2.2	12.8	1.8	.4	.5
33	Primary metal products.....	2,995	100.0	.5	6.2	1.6	2.5	4.2	.1	.7
33124	Bars, bar shapes, and rods.....	1,077	100.0	1.2	5.1	.4	2.2	3.0	.2	.3

See footnotes at end of table.

TABLE 4. Percent Distribution of Commodities, by Production Area of Destination: 1967--Continued

TCC code	Commodity	Percent distribution by production area ¹ of destination--Continued									
		8 (HARR)	9 (SYRA)	10 ² (BUFF)	11 (CLEV)	12 (PITT)	13 (DETR)	14 (CINC)	15 (CHIC)	16 (MILW)	17 (M-SP)
	TONS OF SHIPMENTS										
	Production Area 10, total.....	1.0	3.8	9.8	4.1	1.7	8.7	0.7	3.0	0.3	0.2
20	Food and kindred products.....	2.8	7.7	12.4	2.3	1.1	2.0	.7	1.7	.2	-
201	Meat, poultry, and small game; fresh, chilled or frozen.....	-	12.4	43.5	-	-	-	-	-	-	-
2013	Meat products.....	-	14.3	44.3	-	-	-	-	-	-	-
20132	Meats and sausage, cooked, cured, dried, smoked, or salted.....	-	13.3	44.9	-	-	-	-	-	-	-
203	Canned and preserved fruits, vege- tables, and seafoods.....	.4	3.2	5.8	4.2	.6	5.8	2.3	5.3	1.3	.1
2033	Canned fruits and vegetables.....	.4	3.5	5.2	2.3	.6	4.5	.9	6.1	.2	.1
20332	Canned vegetables.....	.5	5.3	8.8	3.5	.9	4.9	.2	6.0	.4	-
204	Grain mill products.....	4.2	8.8	7.6	2.1	1.5	1.3	.4	.8	-	-
23	Apparel, including knit apparel, and other finished textile products.....	1.4	1.3	4.6	7.8	1.4	.6	1.6	7.2	.1	-
26	Pulp, paper, and allied products.....	-	2.4	19.4	4.7	3.0	1.2	2.4	4.5	.4	.2
262	Paper (except building paper).....	-	.7	1.7	.6	4.0	.9	2.2	7.7	.4	.1
2621	Paper (except building paper).....	-	.7	1.7	.6	4.0	.9	2.2	7.7	.4	.1
263	Paperboard, fiberboard, and pulpboard (except insulating board).....	-	1.8	35.8	9.8	1.8	9.7	1.2	3.6	-	-
2631	Paperboard, fiberboard, and pulpboard (except insulating board).....	-	1.8	35.8	9.8	1.8	9.7	1.2	3.6	-	-
26311	Paperboard, fiberboard, and pulpboard (except insulating board).....	-	1.8	35.8	9.8	1.8	9.7	1.2	3.6	-	-
264	Converted paper and paperboard prod- ucts (except containers and boxes)....	-	3.1	11.6	20.6	6.5	.2	2.7	.1	-	.2
28	Chemicals and allied products.....	.1	3.9	9.0	2.8	2.4	1.3	1.0	6.2	.3	.1
281	Industrial chemicals.....	-	3.4	9.0	2.9	3.1	1.0	.6	6.7	-	-
2812	Basic inorganic chemical compounds (including chlorine, potassium, and sodium compounds).....	-	.4	9.1	3.8	1.0	.6	.6	1.8	-	.1
2818	Miscellaneous industrial organic chemicals.....	-	.3	4.0	.3	.8	2.5	.2	27.2	-	-
2819	Miscellaneous industrial inorganic chemicals.....	-	10.2	14.3	4.0	1.6	-	-	.3	-	-
282	Plastic materials and plasticizers, synthetic resins, rubbers, and fibers.	1.2	2.7	3.9	8.7	1.0	2.6	2.4	5.9	4.4	.5
2821	Plastic materials and plasticizers, synthetic resins, rubbers, and fibers.	1.2	2.7	3.9	8.7	1.0	2.6	2.4	5.9	4.4	.5
28211	Plastic materials and plasticizers, synthetic resins, and nonvulcanizable elastomers.....	1.2	2.8	4.1	9.2	1.0	2.8	2.5	5.9	4.7	.5
289	Miscellaneous chemical products.....	.4	.2	1.3	1.6	.9	1.6	2.6	4.4	.3	-
2899	Chemical products, n.e.c.....	-	-	1.3	1.1	.8	1.7	2.3	4.4	.3	-
28999	Chemical products, n.e.c.....	-	-	1.9	.6	1.2	-	3.5	5.2	.5	-
30	Rubber and miscellaneous plastics products.....	.9	2.4	3.3	3.1	1.3	2.8	.9	4.2	.7	1.5
307	Miscellaneous plastic products.....	1.3	3.0	7.5	3.6	2.5	.3	1.9	3.9	.8	.3
3071	Miscellaneous plastic products.....	1.3	3.0	7.5	3.6	2.5	.3	1.9	3.9	.8	.3
30719	Fabricated plastics products, n.e.c. (including footwear made wholly of plastic).....	2.0	3.6	12.2	5.0	2.5	.2	1.6	.6	1.3	.5
33	Primary metal products.....	1.1	3.9	3.9	9.2	2.5	21.8	.9	5.7	.6	1.2
33124	Bars, bar shapes, and rods.....	.7	1.5	3.5	7.3	4.2	26.0	-	7.7	1.2	-

See footnotes at end of table.

TABLE 4. Percent Distribution of Commodities, by Production Area of Destination: 1967--Continued

TCC code	Commodity	Percent distribution by production area ¹ of destination--Continued									Sampling variability code ³
		18 (STLO)	19 (ATLA)	20 (DALL)	21 (HOUS)	22 (DENV)	23 (SETL)	24 (SANF)	25 (LOSA)	All other	
	TONS OF SHIPMENTS										
	Production Area 10, total.....	0.5	0.8	0.5	0.4	0.1	0.1	0.5	0.6	45.6	-
20	Food and kindred products.....	.1	.2	.1	.6	-	-	.5	.4	35.3	c
201	Meat, poultry, and small game; fresh, chilled or frozen.....	.2	-	-	-	-	-	-	-	41.8	c
2013	Meat products.....	.4	-	-	-	-	-	-	-	41.0	d
20132	Meats and sausage, cooked, cured, dried, smoked, or salted.....	.4	-	-	-	-	-	-	-	41.4	d
203	Canned and preserved fruits, vegetables, and seafoods.....	.4	.9	.5	.5	-	.1	2.3	1.3	28.7	d
2033	Canned fruits and vegetables.....	1.0	.2	.6	.9	-	-	1.2	1.7	31.3	d
20332	Canned vegetables.....	1.3	.2	-	-	-	-	1.7	.8	30.5	d
204	Grain mill products.....	-	-	-	-	-	-	-	-	42.8	d
23	Apparel, including knit apparel, and other finished textile products.....	.1	.6	2.4	1.9	.2	.9	.2	3.8	35.3	d
26	Pulp, paper, and allied products.....	.8	.6	.2	-	-	-	.5	1.4	30.0	c
262	Paper (except building paper).....	.4	.3	.5	-	-	-	-	2.4	30.6	d
2621	Paper (except building paper).....	.4	.3	.5	-	-	-	-	2.4	30.6	d
263	Paperboard, fiberboard, and pulpboard (except insulating board).....	-	-	-	-	.1	-	-	-	23.0	d
2631	Paperboard, fiberboard, and pulpboard (except insulating board).....	-	-	-	-	.1	-	-	-	23.0	d
26311	Paperboard, fiberboard, and pulpboard (except insulating board).....	-	-	-	-	.1	-	-	-	23.0	d
264	Converted paper and paperboard products (except containers and boxes)....	-	.1	.1	.2	.3	.1	-	.1	40.2	b
28	Chemicals and allied products.....	.3	.3	.1	.2	-	.1	.2	.7	42.2	c
281	Industrial chemicals.....	.1	.3	-	.3	-	.1	.1	.6	37.4	d
2812	Basic inorganic chemical compounds (including chlorine, potassium, and sodium compounds).....	-	-	-	.1	.1	-	-	-	37.0	d
2818	Miscellaneous industrial organic chemicals.....	.4	1.4	-	1.2	.1	.3	.6	2.8	34.4	d
2819	Miscellaneous industrial inorganic chemicals.....	-	-	-	-	-	-	-	-	52.9	d
282	Plastic materials and plasticizers, synthetic resins, rubbers, and fibers.	.6	1.6	.5	.1	-	-	2.4	4.6	41.7	b
2821	Plastic materials and plasticizers, synthetic resins, rubbers, and fibers.	.6	1.6	.5	.1	-	-	2.4	4.6	41.7	b
28211	Plastic materials and plasticizers, synthetic resins, and nonvulcanizable elastomers.....	.6	1.7	.2	.1	-	-	.7	4.4	42.6	b
289	Miscellaneous chemical products.....	6.4	.4	4.8	.6	-	1.3	-	-	51.2	d
2899	Chemical products, n.e.c.....	7.1	-	5.1	-	-	1.5	-	-	52.0	d
28999	Chemical products, n.e.c.....	10.7	-	7.8	-	-	-	-	-	34.8	c
30	Rubber and miscellaneous plastics products.....	1.0	2.9	.1	.1	.9	.2	1.5	3.2	45.0	b
307	Miscellaneous plastic products.....	.2	1.0	-	.2	.1	.4	.5	1.0	43.4	c
3071	Miscellaneous plastic products.....	.2	1.0	-	.2	.1	.4	.5	1.0	43.4	c
30719	Fabricated plastics products, n.e.c. (including footwear made wholly of plastic).....	.3	-	-	.2	.2	.8	-	.1	31.0	d
33	Primary metal products.....	1.3	.1	.4	1.0	.5	.4	.1	.1	29.5	b
33124	Bars, bar shapes, and rods.....	-	-	1.1	-	-	-	.1	-	34.3	b

See footnotes at end of table.

TABLE 4. Percent Distribution of Commodities, by Production Area of Destination: 1967 --Continued

TCC code	Commodity	Number	Percent distribution by production area ¹ of destination							
			Total	1 (BOST)	2 (HART)	3 (NYNY)	4 (N. NJ)	5 (PHIL)	6 (BALT)	7 (ALLN)
	TONS OF SHIPMENTS--Con.	(thousands of tons)								
332	Iron and steel castings.....	119	100.0	0.8	-	0.1	0.7	10.0	-	0.4
3321	Iron and steel castings.....	119	100.0	.8	-	.1	.7	10.0	-	.4
33219	Iron and steel castings, n.e.c.....	119	100.0	.8	-	.1	.7	10.0	-	.4
335	Nonferrous metal basic shapes.....	142	100.0	.1	1.3	.6	2.8	-	0.5	.1
339	Miscellaneous primary metal products...	99	100.0	.1	2.1	.4	2.2	1.1	1.1	-
3391	Iron and steel forgings.....	91	100.0	.1	.1	.5	.8	1.2	.3	-
33911	Iron and steel forgings.....	91	100.0	.1	.1	.5	.8	1.2	.3	-
34	Fabricated metal products.....	1,324	100.0	.7	.7	8.3	1.7	3.2	7.5	1.8
342	Cutlery, hand tools, and general hardware.....	21	100.0	.2	-	2.3	.5	1.6	-	42.6
35	Machinery, except electrical.....	325	100.0	2.6	.6	7.1	2.2	5.9	4.0	.2
354	Metalworking machinery and equipment...	43	100.0	-	.9	37.3	2.6	1.3	-	.5
356	General industrial machinery and equipment.....	35	100.0	2.1	.1	1.0	2.5	3.9	6.3	.4
36	Electrical machinery and equipment.....	282	100.0	.5	.3	1.4	1.0	3.1	.3	.4
362	Electrical industrial apparatus.....	236	100.0	-	-	.6	.4	3.1	.2	.4
39	Miscellaneous products of manufacturing	30	100.0	2.6	1.0	2.3	11.4	6.8	2.6	.9
	TON-MILES OF SHIPMENTS	(millions of ton-miles)								
	Production Area 10, total.....	7,018	100.0	2.3	1.9	4.1	3.0	3.9	1.1	.4
20	Food and kindred products.....	1,528	100.0	6.5	3.2	11.6	5.8	5.5	1.1	.6
201	Meat, poultry, and small game; fresh, chilled or frozen.....	3	100.0	-	-	-	-	-	5.8	-
2013	Meat products.....	1	100.0	-	-	-	-	-	-	-
20132	Meats and sausage, cooked, cured, dried, smoked, or salted.....	1	100.0	-	-	-	-	-	-	-
203	Canned and preserved fruits, vege- tables, and seafoods.....	475	100.0	5.6	.8	6.6	4.3	4.4	.5	.3
2033	Canned fruits and vegetables.....	185	100.0	3.9	1.5	10.2	4.1	2.8	.5	-
20332	Canned vegetables.....	70	100.0	6.3	2.8	7.6	4.6	3.1	1.0	-
204	Grain mill products.....	829	100.0	8.6	5.4	10.1	7.2	7.4	1.7	1.0
23	Apparel, including knit apparel, and other finished textile products.....	7	100.0	.5	.7	2.9	3.2	6.5	.6	.2
26	Pulp, paper, and allied products.....	382	100.0	3.3	3.8	3.4	3.1	8.8	.3	.4
262	Paper (except building paper).....	239	100.0	4.8	5.9	3.8	3.3	12.9	.3	.1
2621	Paper (except building paper).....	239	100.0	4.8	5.9	3.8	3.3	12.9	.3	.1
263	Paperboard, fiberboard, and pulpboard (except insulating board).....	7	100.0	.2	.4	12.2	7.2	4.3	-	-
2631	Paperboard, fiberboard, and pulpboard (except insulating board).....	7	100.0	.2	.4	12.2	7.2	4.3	-	-
26311	Paperboard, fiberboard, and pulpboard (except insulating board).....	7	100.0	.2	.4	12.2	7.2	4.3	-	-
264	Converted paper and paperboard prod- ucts (except containers and boxes)....	48	100.0	1.7	.4	1.1	5.6	.7	-	2.9
28	Chemicals and allied products.....	687	100.0	2.2	1.3	.8	10.6	12.3	1.3	.2
281	Industrial chemicals.....	537	100.0	2.5	1.5	.5	11.9	15.2	1.4	.2
2812	Basic inorganic chemical compounds (including chlorine, potassium, and sodium compounds).....	298	100.0	3.2	2.0	.6	14.9	22.6	2.4	.3
2818	Miscellaneous industrial organic chemicals.....	159	100.0	.2	.2	.4	8.5	6.7	-	-
2819	Miscellaneous industrial inorganic chemicals.....	59	100.0	5.4	3.0	.1	9.3	3.7	.6	-

See footnotes at end of table.

TABLE 4. Percent Distribution of Commodities, by Production Area of Destination: 1967--Continued

TCC code	Commodity	Percent distribution by production area ¹ of destination--Continued									
		8 (HARR)	9 (SYRA)	10 ² (BUFF)	11 (CLEV)	12 (PITT)	13 (DETR)	14 (CINC)	15 (CHIC)	16 (MILW)	17 (M-SP)
	TONS OF SHIPMENTS--Con.										
332	Iron and steel castings.....	-	6.7	7.0	5.6	1.6	4.6	4.8	1.9	-	0.6
3321	Iron and steel castings.....	-	6.7	7.0	5.6	1.6	4.6	4.8	1.9	-	.6
33219	Iron and steel castings, n.e.c.....	-	6.7	7.0	5.6	1.6	4.6	4.8	1.9	-	.6
335	Nonferrous metal basic shapes.....	-	.2	.7	3.0	2.2	1.3	.6	33.8	-	
339	Miscellaneous primary metal products...	15.0	2.9	.2	.6	-	33.7	1.0	.4	-	.4
3391	Iron and steel forgings.....	16.3	.1	-	.6	-	36.5	1.0	.4	-	.4
33911	Iron and steel forgings.....	16.3	.1	-	.6	-	36.5	1.0	.4	-	.4
34	Fabricated metal products.....	.6	4.8	4.9	12.3	6.2	5.4	1.7	5.0	-	.6
342	Cutlery, hand tools, and general hardware.....	.3	1.7	.2	.1	.3	3.6	1.4	20.5	0.5	-
35	Machinery, except electrical.....	.2	1.5	1.8	2.3	.1	12.7	.2	1.2	3.2	.4
354	Metalworking machinery and equipment...	.4	8.8	6.9	.2	.3	7.5	.1	1.5	.1	2.3
356	General industrial machinery and equipment.....	.1	3.3	3.9	.5	.2	.1	.5	3.0	1.0	-
36	Electrical machinery and equipment.....	.8	2.1	6.3	2.8	7.4	2.7	.8	27.9	1.5	.2
362	Electrical industrial apparatus.....	.8	2.2	6.1	3.0	8.6	2.9	.7	32.5	1.7	-
39	Miscellaneous products of manufacturing	.9	.7	1.8	1.8	1.0	4.7	3.4	6.6	.7	1.3
	TON-MILES OF SHIPMENTS										
	Production Area 10, total.....	.8	2.1	1.2	2.4	1.1	6.7	.9	4.6	.4	.6
20	Food and kindred products.....	2.2	5.1	2.0	1.4	.8	1.9	1.1	3.2	.5	.1
201	Meat, poultry, and small game; fresh, chilled or frozen.....	-	14.7	27.3	-	-	-	-	-	-	-
2013	Meat products.....	-	24.8	32.0	-	-	-	-	-	-	-
20132	Meats and sausage, cooked, cured, dried, smoked, or salted.....	-	23.4	32.6	-	-	-	-	-	-	-
203	Canned and preserved fruits, vege- tables, and seafoods.....	.2	1.0	.6	2.1	.3	3.9	2.4	6.4	1.6	.1
2033	Canned fruits and vegetables.....	.2	1.2	.6	1.2	.3	3.0	1.0	7.3	.3	.1
20332	Canned vegetables.....	.3	2.3	1.0	2.0	.5	3.8	.2	8.3	.5	-
204	Grain mill products.....	4.0	7.6	1.4	1.2	1.2	1.4	.6	1.6	-	-
23	Apparel, including knit apparel, and other finished textile products.....	.6	.2	.4	3.2	.6	.3	1.3	6.8	.1	-
26	Pulp, paper, and allied products.....	-	9	2.0	2.4	1.8	.7	2.5	5.8	.5	.3
262	Paper (except building paper).....	-	.4	.1	.3	2.0	.5	1.7	7.8	.4	.2
2621	Paper (except building paper).....	-	.4	.1	.3	2.0	.5	1.7	7.8	.4	.2
263	Paperboard, fiberboard, and pulpboard (except insulating board).....	-	1.6	6.1	11.0	2.2	13.4	3.0	10.7	-	-
2631	Paperboard, fiberboard, and pulpboard (except insulating board).....	-	1.6	6.1	11.0	2.2	13.4	3.0	10.7	-	-
26311	Paperboard, fiberboard, and pulpboard (except insulating board).....	-	1.6	6.1	11.0	2.2	13.4	3.0	10.7	-	-
264	Converted paper and paperboard prod- ucts (except containers and boxes)....	-	1.5	1.4	11.2	3.9	.2	3.3	.2	-	.5
28	Chemicals and allied products.....	.1	1.6	1.2	1.5	1.6	.9	1.2	9.2	.4	.1
281	Industrial chemicals.....	-	1.6	1.0	1.5	2.0	.7	.8	9.6	-	.1
2812	Basic inorganic chemical compounds (including chlorine, potassium, and sodium compounds).....	-	.2	1.0	2.1	.7	.4	.7	2.7	-	.2
2818	Miscellaneous industrial organic chemicals.....	-	.2	.2	.1	.4	1.2	.2	27.2	-	-
2819	Miscellaneous industrial inorganic chemicals.....	-	6.3	2.6	2.4	1.2	-	-	.6	-	-

See footnotes at end of table.

TABLE 4. Percent Distribution of Commodities, by Production Area of Destination: 1967--Continued

TCC code	Commodity	Percent distribution by production area ¹ of destination--Continued									Sampling variability code ³
		18 (STLO)	19 (ATLA)	20 (DALL)	21 (HOUS)	22 (DENV)	23 (SETL)	24 (SANF)	25 (LOSA)	All other	
	TONS OF SHIPMENTS--Con.										
332	Iron and steel castings.....	4.6	-	-	-	-	1.1	-	0.6	48.9	c
3321	Iron and steel castings.....	4.6	-	-	-	-	1.1	-	.6	48.9	c
33219	Iron and steel castings, n.e.c.....	4.6	-	-	-	-	1.1	-	.6	48.9	c
335	Nonferrous metal basic shapes.....	.5	0.6	-	-	-	.1	0.1	-	51.5	c
339	Miscellaneous primary metal products...	.9	1.8	0.3	-	-	.1	.8	1.1	33.8	d
3391	Iron and steel forgings.....	1.0	2.0	.3	-	-	.1	.9	1.2	36.2	d
33911	Iron and steel forgings.....	1.0	2.0	.3	-	-	.1	.9	1.2	36.2	d
34	Fabricated metal products.....	.7	1.1	.7	0.4	-	.4	2.0	.8	28.5	b
342	Cutlery, hand tools, and general hardware.....	.2	.2	.3	2.2	-	-	-	15.3	6.0	d
35	Machinery, except electrical.....	.7	2.1	5.2	1.9	0.1	-	3.7	3.0	37.1	b
354	Metalworking machinery and equipment...	-	-	.9	.1	-	-	1.4	.2	26.7	b
356	General industrial machinery and equipment.....	1.3	-	.3	1.0	.1	-	14.7	.4	53.3	b
36	Electrical machinery and equipment.....	.6	.3	1.0	1.4	-	.6	.3	1.6	34.7	c
362	Electrical industrial apparatus.....	.6	.2	.7	1.5	-	-	.1	1.3	32.4	d
39	Miscellaneous products of manufacturing	.8	.7	.5	.8	1.0	.6	.1	1.4	43.5	d
	TON-MILES OF SHIPMENTS										
	Production Area 10, total.....	1.2	1.8	1.9	1.6	.4	.9	4.0	4.3	46.4	-
20	Food and kindred products.....	.2	.5	.6	3.1	-	.2	4.2	3.1	35.5	-
201	Meat, poultry, and small game; fresh, chilled or frozen.....	1.3	-	-	-	-	-	-	-	50.9	-
2013	Meat products.....	3.3	-	-	-	-	-	-	-	39.9	-
20132	Meats and sausage, cooked, cured, dried, smoked, or salted.....	3.3	-	-	-	-	-	-	-	40.7	-
203	Canned and preserved fruits, vegetables, and seafoods.....	.6	1.5	1.5	1.5	-	.4	12.9	7.1	33.4	-
2033	Canned fruits and vegetables.....	1.6	.3	1.7	2.8	-	-	6.3	8.8	40.3	-
20332	Canned vegetables.....	2.2	.5	.1	-	-	-	10.8	4.6	37.5	-
204	Grain mill products.....	-	-	-	-	-	-	-	-	39.6	-
23	Apparel, including knit apparel, and other finished textile products.....	.1	.9	5.7	4.9	.7	3.7	1.1	16.0	38.8	-
26	Pulp, paper, and allied products.....	1.5	1.2	.8	.1	.2	.1	3.2	8.9	44.0	-
262	Paper (except building paper).....	.6	.5	1.3	-	-	-	-	12.4	40.7	-
2621	Paper (except building paper).....	.6	.5	1.3	-	-	-	-	12.4	40.7	-
263	Paperboard, fiberboard, and pulpboard (except insulating board).....	.1	.1	.3	-	.8	-	-	-	26.4	-
2631	Paperboard, fiberboard, and pulpboard (except insulating board).....	.1	.1	.3	-	.8	-	-	-	26.4	-
26311	Paperboard, fiberboard, and pulpboard (except insulating board).....	.1	.1	.3	-	.8	-	-	-	26.4	-
264	Converted paper and paperboard products (except containers and boxes)....	.1	.2	.4	.6	1.1	1.0	.3	.6	61.1	-
28	Chemicals and allied products.....	.7	.7	.6	1.0	.2	.5	1.8	4.8	43.2	-
281	Industrial chemicals.....	.2	.7	-	1.1	.2	.4	.9	4.1	41.9	-
2812	Basic inorganic chemical compounds (including chlorine, potassium, and sodium compounds).....	-	-	-	.3	.3	-	-	-	45.4	-
2818	Miscellaneous industrial organic chemicals.....	.5	2.2	-	3.3	.2	1.3	2.9	13.7	30.4	-
2819	Miscellaneous industrial inorganic chemicals.....	-	-	-	-	-	.1	-	.1	6.6	-

See footnotes at end of table.

TABLE 4. Percent Distribution of Commodities, by Production Area of Destination: 1967 --Continued

TCC code	Commodity	Number	Percent distribution by production area ¹ of destination							
			Total	1 (BOST)	2 (HART)	3 (NYNY)	4 (N. NJ)	5 (PHIL)	6 (BALT)	7 (ALLN)
	TON-MILES OF SHIPMENTS--Con.	(millions of ton-miles)								
282	Plastic materials and plasticizers, synthetic resins, rubbers, and fibers.	54	100.0	0.8	1.7	3.1	2.2	0.7	0.4	0.3
2821	Plastic materials and plasticizers, synthetic resins, rubbers, and fibers.	54	100.0	.8	1.7	3.1	2.2	.7	.4	.3
28211	Plastic materials and plasticizers, synthetic resins, and nonvulcanizable elastomers.....	47	100.0	.9	1.8	3.2	2.4	.8	.4	.3
289	Miscellaneous chemical products.....	35	100.0	1.9	.3	1.2	2.8	2.9	.1	-
2899	Chemical products, n.e.c.....	32	100.0	1.4	-	1.3	3.0	3.1	-	-
28999	Chemical products, n.e.c.....	22	100.0	2.1	-	1.9	4.5	4.7	-	-
30	Rubber and miscellaneous plastics products.....	79	100.0	3.2	1.8	1.3	4.0	1.9	.1	.2
307	Miscellaneous plastic products.....	24	100.0	6.7	4.2	1.6	5.1	1.3	.2	.4
3071	Miscellaneous plastic products.....	24	100.0	6.7	4.2	1.6	5.1	1.3	.2	.4
30719	Fabricated plastics products, n.e.c. (including footwear made wholly of plastic).....	11	100.0	11.6	6.4	1.6	8.6	1.3	.3	.3
33	Primary metal products.....	951	100.0	.7	5.5	1.5	2.2	3.5	.1	.5
33124	Bars, bar shapes, and rods.....	298	100.0	1.7	5.9	.4	2.2	2.9	.2	.3
332	Iron and steel castings.....	38	100.0	.9	-	.1	.6	8.8	-	.3
3321	Iron and steel castings.....	38	100.0	.9	-	.1	.6	8.8	-	.3
33219	Iron and steel castings, n.e.c.....	38	100.0	.9	-	.1	.6	8.8	-	.3
335	Nonferrous metal basic shapes.....	63	100.0	.1	1.0	.4	1.8	-	.3	.1
339	Miscellaneous primary metal products...	33	100.0	.1	1.7	.4	1.7	.9	.9	-
3391	Iron and steel forgings.....	31	100.0	.1	.1	.4	.6	.9	.2	-
33911	Iron and steel forgings.....	31	100.0	.1	.1	.4	.6	.9	.2	-
34	Fabricated metal products.....	559	100.0	.6	.5	5.6	1.1	2.1	4.9	1.0
342	Cutlery, hand tools, and general hardware.....	14	100.0	.1	-	1.0	.2	.6	-	15.2
35	Machinery, except electrical.....	207	100.0	1.4	.3	2.9	1.0	2.5	1.8	.1
354	Metalworking machinery and equipment...	15	100.0	-	.7	26.1	2.0	1.0	-	.3
356	General industrial machinery and equipment.....	32	100.0	.9	-	.3	.8	1.2	1.9	.1
36	Electrical machinery and equipment.....	157	100.0	.3	.1	.7	.5	1.6	.2	.2
362	Electrical industrial apparatus.....	122	100.0	-	-	.4	.2	1.7	.1	.2
39	Miscellaneous products of manufacturing	16	100.0	1.7	.5	1.1	5.6	3.3	1.3	.3

See footnotes at end of table.

TABLE 4. Percent Distribution of Commodities, by Production Area of Destination: 1967--Continued

TCC code	Commodity	Percent distribution by production area ¹ of destination--Continued									
		8 (HARR)	9 (SYRA)	10 ² (BUFF)	11 (CLEV)	12 (PITT)	13 (DETR)	14 (CINC)	15 (CHIC)	16 (MILW)	17 (M-SP)
	TON-MILES OF SHIPMENTS--Con.										
282	Plastic materials and plasticizers, synthetic resins, rubbers, and fibers.	0.5	1.4	0.2	3.0	0.4	1.2	1.8	5.4	4.0	0.7
2821	Plastic materials and plasticizers, synthetic resins, rubbers, and fibers.	.5	1.4	.2	3.0	.4	1.2	1.8	5.4	4.0	.7
28211	Plastic materials and plasticizers, synthetic resins, and nonvulcanizable elastomers.....	.6	1.6	.2	3.5	.4	1.3	2.1	5.9	4.6	.8
289	Miscellaneous chemical products.....	.1	.1	-	.5	.3	.5	1.5	3.3	.2	-
2899	Chemical products, n.e.c.....	-	-	-	.3	.3	.5	1.4	3.2	.2	-
28999	Chemical products, n.e.c.....	-	-	.1	.2	.4	-	2.0	3.7	.3	-
30	Rubber and miscellaneous plastics products.....	.4	.8	.3	1.1	.5	1.1	.7	3.6	.6	2.5
307	Miscellaneous plastic products.....	.7	1.3	.8	2.1	1.5	.2	2.1	4.5	1.0	.5
3071	Miscellaneous plastic products.....	.7	1.3	.8	2.1	1.5	.2	2.1	4.5	1.0	.5
30719	Fabricated plastics products, n.e.c. (including footwear made wholly of plastic).....	1.3	1.9	1.6	3.7	1.8	.1	2.3	1.1	2.0	1.1
33	Primary metal products.....	.8	1.8	.6	5.2	1.4	15.3	1.0	8.1	.9	2.7
33124	Bars, bar shapes, and rods.....	.6	.9	.5	4.9	2.6	20.6	-	12.5	2.0	-
332	Iron and steel castings.....	-	2.9	.8	2.5	.9	3.5	5.3	2.7	-	1.4
3321	Iron and steel castings.....	-	2.9	.8	2.5	.9	3.5	5.3	2.7	-	1.4
33219	Iron and steel castings, n.e.c.....	-	2.9	.8	2.5	.9	3.5	5.3	2.7	-	1.4
335	Nonferrous metal basic shapes.....	-	.1	.1	1.1	.9	.6	.5	34.9	-	-
339	Miscellaneous primary metal products...	10.5	.7	-	.3	-	23.1	1.0	.5	-	.8
3391	Iron and steel forgings.....	11.0	-	-	.3	-	24.2	1.0	.5	-	.9
33911	Iron and steel forgings.....	11.0	-	-	.3	-	24.2	1.0	.5	-	.9
34	Fabricated metal products.....	.3	1.6	.8	5.0	2.6	3.0	1.5	5.3	-	1.1
342	Cutlery, hand tools, and general hardware.....	.1	.4	-	-	.1	1.6	.8	13.8	.3	-
35	Machinery, except electrical.....	.1	.2	.2	.8	-	4.8	.1	1.0	2.3	.5
354	Metalworking machinery and equipment...	.3	1.7	1.1	.1	.1	5.9	.1	2.0	.1	5.0
356	General industrial machinery and equipment.....	-	.5	.1	.1	-	-	.2	1.5	.6	-
36	Electrical machinery and equipment.....	.3	.5	.6	.9	2.7	1.4	.6	22.6	1.3	.3
362	Electrical industrial apparatus.....	.3	.6	.6	1.1	3.4	1.6	.6	28.1	1.5	-
39	Miscellaneous products of manufacturing	.4	.2	.2	.6	.4	2.5	2.6	5.7	.6	1.8

See footnotes at end of table.

TABLE 4. Percent Distribution of Commodities, by Production Area of Destination: 1967--Continued

TCC code	Commodity	Percent distribution by production area ¹ of destination--Continued									Sampling variability code ³
		18 (STLO)	19 (ATLA)	20 (DALL)	21 (HOUS)	22 (DENV)	23 (SETL)	24 (SANF)	25 (LOSA)	All other	
	TON-MILES OF SHIPMENTS--Con.										
282	Plastic materials and plasticizers, synthetic resins, rubbers, and fibers.	0.8	2.2	1.3	0.2	-	-	11.0	19.8	36.9	-
2821	Plastic materials and plasticizers, synthetic resins, rubbers, and fibers.	.8	2.2	1.3	.2	-	-	11.0	19.8	36.9	-
28211	Plastic materials and plasticizers, synthetic resins, and nonvulcanizable elastomers.....	.8	2.5	.6	.2	-	-	3.4	20.9	40.8	-
289	Miscellaneous chemical products.....	6.4	.4	9.3	1.3	-	4.3	-	-	62.6	-
2899	Chemical products, n.e.c.....	6.8	-	9.7	-	-	4.6	-	-	64.2	-
28999	Chemical products, n.e.c.....	10.2	-	14.5	-	-	-	-	-	55.4	-
30	Rubber and miscellaneous plastics products.....	1.3	3.8	.2	.3	2.4	.8	6.3	13.1	47.7	-
307	Miscellaneous plastic products.....	.4	1.9	.1	.5	.5	2.4	3.3	5.5	51.2	-
3071	Miscellaneous plastic products.....	.4	1.9	.1	.5	.5	2.4	3.3	5.5	51.2	-
30719	Fabricated plastics products, n.e.c. (including footwear made wholly of plastic).....	.6	-	.1	1.0	1.1	5.1	.3	1.0	43.8	-
33	Primary metal products.....	2.7	.2	1.5	3.8	2.2	2.6	.5	.5	34.2	-
33124	Bars, bar shapes, and rods.....	-	-	4.6	.2	-	-	.8	.1	36.1	-
332	Iron and steel castings.....	9.7	-	-	-	-	7.5	-	4.2	47.9	-
3321	Iron and steel castings.....	9.7	-	-	-	-	7.5	-	4.2	47.9	-
33219	Iron and steel castings, n.e.c.....	9.7	-	-	-	-	7.5	-	4.2	47.9	-
335	Nonferrous metal basic shapes.....	.8	1.0	-	-	-	.7	.5	.2	54.9	-
339	Miscellaneous primary metal products...	1.8	3.9	.9	-	-	.4	5.7	7.2	37.5	-
3391	Iron and steel forgings.....	1.9	4.1	1.0	-	-	.4	6.0	7.4	39.0	-
33911	Iron and steel forgings.....	1.9	4.1	1.0	-	-	.4	6.0	7.4	39.0	-
34	Fabricated metal products.....	1.0	1.8	2.1	1.2	-	2.2	10.9	4.3	39.5	-
342	Cutlery, hand tools, and general hardware.....	.2	.2	.5	4.2	.1	-	-	50.6	10.0	-
35	Machinery, except electrical.....	.8	2.4	10.0	4.0	.1	-	13.1	10.5	39.1	-
354	Metalworking machinery and equipment...	.1	-	3.0	.3	-	-	9.0	1.3	39.8	-
356	General industrial machinery and equipment.....	.9	-	.4	1.4	.1	-	36.6	1.0	51.4	-
36	Electrical machinery and equipment.....	.7	.4	2.3	3.2	.1	2.2	1.4	6.2	48.7	-
362	Electrical industrial apparatus.....	.9	.2	1.7	3.7	-	-	.4	5.4	47.3	-
39	Miscellaneous products of manufacturing	1.1	.9	1.2	1.8	2.7	2.3	.5	5.6	55.1	-

¹Designations below the area numbers are used to help identify the area. Descriptions of production areas appear on page 4.

²Includes only those shipments that originated in one city in this area and terminated in another city in this area. Does not include shipments originating and terminating in the same city.

³Code letter indicates a sampling variability range as follows: a, 0-9 percent; b, 10-19 percent; c, 20-29 percent; and d, 30-50 percent. The variability for ton-miles has not been estimated.

PRODUCTION AREA 11

Consists of six Standard Metropolitan Statistical Areas:
Cleveland, Ohio; Akron, Ohio; Canton, Ohio; Lorain-Elyria,
Ohio; Youngstown-Warren, Ohio; and Erie, Pa.

SUMMARY

The estimates of tons and ton-miles are based on reports from a sample of shipments by approximately 508 manufacturing establishments located in this Production Area. The total tons and ton-miles represent the total inter-city shipments by essentially all manufacturing establishments in the area, except for plants with less than 20 employees. However, since the data are based on a sample, the estimates necessarily are subject to "sampling variability."

The approximate degree of sampling variability for tons for each commodity or commodity class is indicated in the last column of tables 1 to 4. In general, most of the commodity data in this report are subject to substantial sampling variability and should be treated as approximate rather than precise measures.

About 33.9 million tons of commodities were shipped by plants in this area to destinations beyond the local area. These shipments generated 9.3 billion ton-miles by all means of transport combined, and averaged about 273 straight-line miles per ton shipped.

Motor carriers are the dominant means of transport, hauling 48 percent of the total tons shipped. When measured in terms of ton-miles rather than tons, rail becomes the dominant means of transport, accounting for slightly over 52 percent of the total ton-miles.

Comparisons between 1967 and 1963 data are presented in tables A through D. The 1967 survey is comparable with 1963, except for the exclusion from the survey, in 1967, of plants with less than 20 employees. Nationally, those plants accounted for only 4 percent of the total tons originated in the 1963 survey.

Table A. PERCENT DISTRIBUTION OF SHIPMENTS
BY MEANS OF TRANSPORT

Means of transport	All commodities	
	1967	1963
Tons of shipments.....millions..	33.9	31.9
Ton-miles.....billions..	9.3	10.3
TONS OF SHIPMENTS		
Percent distribution		
All means of transport.....	100.0	100.0
Rail.....	35.1	43.3
Motor carrier.....	48.0	46.5
Private truck.....	16.2	8.1
Air.....	.1	-
Water.....	.1	1.2
Other.....	.5	.9
TON-MILES		
All means of transport.....	100.0	100.0
Rail.....	52.2	56.9
Motor carrier.....	39.1	35.3
Private truck.....	6.9	3.4
Air.....	.2	.1
Water.....	.7	2.2
Other.....	.9	2.1

Note: Ton-miles are the product of weight times distance on a straight-line distance basis.

Table C. PERCENT DISTRIBUTION OF SHIPMENTS
BY DISTANCE OF SHIPMENT

Distance shipped	All commodities	
	1967	1963
TONS OF SHIPMENTS		
All distances.....	100.0	100.0
Under 100 miles.....	36.8	27.4
100 to 199 miles.....	21.7	21.1
200 to 299 miles.....	10.1	13.7
300 to 499 miles.....	19.2	22.5
500 to 999 miles.....	7.5	9.3
1,000 to 1,499 miles.....	2.3	3.0
1,500 miles and over.....	2.4	3.0

Table B. AVERAGE LENGTH OF HAUL
BY MEANS OF TRANSPORT

Means of transport	(Straight-line miles)	
	1967	1963
All means of transport.....	273	322
Rail.....	406	423
Motor carrier.....	223	245
Private truck.....	116	136

Note: Average length of haul is based on straight-line miles from plant to customer or redistribution point, weighted by tonnage shipped (i.e., ton-miles divided by tons). Rail short-line and highway direct-route distances average about 24 and 21 percent, respectively, longer than straight-line distances.

Table D. PERCENT DISTRIBUTION OF SHIPMENTS
BY AREA OF DESTINATION

Area of destination	All commodities	
	1967	1963
Tons of shipments.....thousands..	33,922	31,934
Ton-miles.....millions..	9,267	10,278
TONS OF SHIPMENTS		
Percent distribution		
All areas.....	100.0	100.0
Production Area 11 ¹	20.6	12.2
Other production areas.....	39.3	45.7
All other areas.....	40.1	42.1
TON-MILES		
All areas.....	100.0	100.0
Production Area 11 ¹	3.0	1.5
Other production areas.....	49.1	50.3
All other areas.....	47.9	48.2

¹Includes only those shipments that originated in one city in this area and terminated in another city in this area.

TABLE 1. Percent Distribution of Commodities, by Means of Transport: 1967

TCC code	Commodity	Number	Percent distribution by means of transport								Sampling vari- ability code
			All means of transport	Rail	Motor carrier	Pri- vate truck	Air	Water	Other	Un- known	
	TONS OF SHIPMENTS	(thousands of tons)									
	Production Area 11, total.....	33,922	100.0	35.1	48.0	16.2	0.1	0.1	0.4	0.1	-
20	Food and kindred products.....	1,571	100.0	30.5	24.7	44.7	-	-	-	.1	d
201	Meat, poultry, and small game; fresh, chilled or frozen.....	325	100.0	23.8	1.8	73.9	-	-	-	.5	c
208	Beverages and flavoring extracts.....	366	100.0	5.1	40.6	54.2	-	-	.1	-	d
2086	Bottled and canned soft drinks and car- bonated, mineral, and plain waters....	134	100.0	-	26.8	73.2	-	-	-	-	b
20861	Bottled and canned soft drinks and car- bonated, mineral, and plain waters....	134	100.0	-	26.8	73.2	-	-	-	-	b
25	Furniture and fixtures.....	203	100.0	20.6	54.0	24.9	-	.1	.1	.3	c
251	Household and office furniture.....	137	100.0	27.3	35.1	36.9	-	.1	.2	.4	d
26	Pulp, paper, and allied products.....	456	100.0	24.8	38.1	35.1	.1	-	1.9	-	c
265	Containers, boxes and related products, paperboard, fiberboard, and pulpboard.	196	100.0	8.2	35.3	56.5	-	-	-	-	d
28	Chemicals and allied products.....	3,366	100.0	57.4	28.6	13.5	-	.1	.2	.2	b
281	Industrial chemicals.....	2,352	100.0	69.4	13.8	16.5	-	.1	-	.2	b
282	Plastic materials and plasticizers, synthetic resins, rubbers, and fibers.	409	100.0	28.5	68.8	.8	-	-	1.0	.9	c
2821	Plastic materials and plasticizers, synthetic resins, rubbers, and fibers.	409	100.0	28.5	68.8	.8	-	-	1.0	.9	c
28211	Plastic materials and plasticizers, synthetic resins, and nonvulcanizable elastomers.....	185	100.0	28.1	71.5	.4	-	-	-	-	b
28212	Synthetic rubber.....	136	100.0	41.4	51.8	1.1	-	-	3.1	2.6	a
284	Soap and detergents, cleaning prepara- tions, perfumes, cosmetics, and other toilet preparations.....	13	100.0	.6	87.7	4.2	1.0	-	6.3	.2	d
2842	Specialty cleaning, polishing, and sanitation preparations (except soap and detergents).....	3	100.0	2.3	88.6	2.7	-	-	6.4	-	d
285	Paints, varnishes, lacquers, enamels, and allied products.....	312	100.0	2.3	91.5	6.0	.1	-	.1	-	c
2851	Paints, varnishes, lacquers, enamels, and allied products.....	312	100.0	2.3	91.5	6.0	.1	-	.1	-	c
28511	Paints, varnishes, lacquers, enamels, and shellacs.....	187	100.0	2.9	88.4	8.5	.1	-	.1	-	d
289	Miscellaneous chemical products.....	174	100.0	39.4	34.3	24.6	-	-	1.7	-	d
2899	Chemical products, n.e.c.....	116	100.0	59.2	37.2	3.4	-	-	.2	-	d
28998	Packaged chemical compounds.....	111	100.0	61.7	34.6	3.5	-	-	.2	-	d
29	Petroleum and coal products.....	1,403	100.0	16.3	66.0	17.7	-	-	-	-	b
291	Products of petroleum refining.....	1,178	100.0	16.3	65.7	18.0	-	-	-	-	b
2911	Products of petroleum refining (except liquefied petroleum gases and petro- leum coke and breeze).....	1,137	100.0	16.9	65.8	17.3	-	-	-	-	b
29114	Lubricating oils and similar light oils and derivatives.....	223	100.0	74.1	18.5	7.4	-	-	-	-	d
295	Paving and roofing materials.....	178	100.0	7.2	72.8	20.0	-	-	-	-	b
2952	Asphalt felt and coatings.....	167	100.0	4.0	74.6	21.4	-	-	-	-	b
29522	Asphalt and tar coatings, cements, and pitches.....	73	100.0	-	84.7	15.3	-	-	-	-	d

See footnote at end of table.

TABLE 1. Percent Distribution of Commodities, by Means of Transport: 1967--Continued

TCC code	Commodity	Number	Percent distribution by means of transport								Sampling variability code ¹
			All means of transport	Rail	Motor carrier	Private truck	Air	Water	Other	Unknown	
	TONS OF SHIPMENTS--Continued	(thousands of tons)									
30	Rubber and miscellaneous plastics products.....	895	100.0	31.2	55.8	11.9	0.2	-	0.8	0.1	b
301	Tires and inner tubes.....	484	100.0	52.1	42.8	4.0	.1	-	.8	.2	b
3011	Tires and inner tubes.....	484	100.0	52.1	42.8	4.0	.1	-	.8	.2	b
30111	Pneumatic tires.....	388	100.0	60.7	36.5	1.8	.2	-	.5	.3	a
30115	Tread rubber, tire sundries, and repair materials.....	45	100.0	-	89.5	6.4	.1	-	4.0	-	c
306	Miscellaneous fabricated rubber products.....	262	100.0	2.6	66.1	30.2	.3	-	.7	.1	d
3061	Miscellaneous fabricated rubber products.....	262	100.0	2.6	66.1	30.2	.3	-	.7	.1	d
30612	Rubber hose and tubing.....	15	100.0	-	99.7	.1	.1	-	.1	-	d
30619	Fabricated rubber products, n.e.c.....	204	100.0	-	60.1	38.8	.2	-	.9	-	d
307	Miscellaneous plastic products.....	99	100.0	2.2	92.6	3.3	.3	-	1.6	-	c
3071	Miscellaneous plastic products.....	99	100.0	2.2	92.6	3.3	.3	-	1.6	-	c
30713	Moulded plastic products.....	26	100.0	8.2	84.4	6.2	.5	-	.7	-	d
30714	Unsupported vinyl and polyethylene film and sheeting.....	34	100.0	-	95.3	2.6	.2	-	1.9	-	d
325	Structural clay products.....	931	100.0	22.0	37.8	40.2	-	-	-	-	d
33	Primary metal products.....	13,183	100.0	41.6	53.0	5.0	-	0.2	.1	.1	a
331	Steel works and rolling mill products..	10,751	100.0	45.1	51.7	2.9	-	.2	-	.1	a
3312	Primary iron and steel products, except coke-oven products.....	10,064	100.0	44.1	52.4	3.1	-	.3	-	.1	a
33122	Plates, iron and steel.....	235	100.0	39.9	60.0	.1	-	-	-	-	c
33123	Sheet and strip, iron and steel (except tin mill products).....	3,934	100.0	28.1	70.7	1.0	-	-	-	.2	a
33124	Bars, bar shapes, and rods.....	2,319	100.0	38.3	60.6	1.1	-	-	-	-	c
33126	Steel pipe, tubes, and fittings.....	2,147	100.0	65.3	32.1	1.4	-	1.2	-	-	a
332	Iron and steel castings.....	787	100.0	37.1	58.8	4.1	-	-	-	-	b
3321	Iron and steel castings.....	787	100.0	37.1	58.8	4.1	-	-	-	-	b
33219	Iron and steel castings, n.e.c.....	771	100.0	36.8	59.0	4.2	-	-	-	-	b
333	Nonferrous metals primary smelter products (slab, ingot, pig, etc., and residues).....	133	100.0	14.9	71.1	13.9	.1	-	-	-	d
3339	Miscellaneous primary nonferrous and nonferrous base alloy basic metal products (anodes, cathodes, billets, blooms, pig, slab, or ingot, etc.)....	1	100.0	1.3	57.7	37.4	2.5	-	1.1	-	d
335	Nonferrous metal basic shapes.....	625	100.0	19.7	38.4	40.8	-	.2	.9	-	d
3351	Copper, brass, bronze, and other copper base alloy basic shapes.....	99	100.0	15.6	79.0	1.3	-	-	4.1	-	b
33513	Copper, brass, bronze, and other copper base alloy pipe and tube.....	59	100.0	14.2	78.9	2.1	-	-	4.8	-	c
336	Nonferrous and nonferrous base alloy castings.....	149	100.0	-	95.4	4.4	.2	-	-	-	d
3361	Aluminum and aluminum base alloy castings.....	110	100.0	-	95.7	4.1	.2	-	-	-	d
33612	Aluminum castings (except cooking utensils).....	110	100.0	-	95.7	4.1	.2	-	-	-	d
339	Miscellaneous primary metal products...	738	100.0	27.6	67.4	4.7	.1	-	.2	-	c
3391	Iron and steel forgings.....	415	100.0	46.3	47.4	6.3	-	-	-	-	b
33911	Iron and steel forgings.....	415	100.0	46.3	47.4	6.3	-	-	-	-	b

See footnote at end of table.

TABLE 1. Percent Distribution of Commodities, by Means of Transport: 1967--Continued

TCC code	Commodity	Number	Percent distribution by means of transport								Sampling variability code
			All means of transport	Rail	Motor carrier	Private truck	Air	Water	Other	Unknown	
	TONS OF SHIPMENTS--Continued	(thousands of tons)									
34	Fabricated metal products.....	2,813	100.0	40.8	51.1	7.0	0.3	-	0.7	0.1	b
341	Metal cans.....	90	100.0	38.8	59.2	2.0	-	-	-	-	d
3411	Metal cans.....	90	100.0	38.8	59.2	2.0	-	-	-	-	d
34111	Metal cans.....	90	100.0	38.8	59.2	2.0	-	-	-	-	d
343	Plumbing fixtures and heating apparatus (except electric).....	67	100.0	19.0	64.2	16.4	.3	-	.1	-	b
3433	Heating equipment (except electric)....	27	100.0	10.3	88.5	.4	.5	-	.3	-	c
34339	Other heating equipment, n.e.c. (except electric).....	27	100.0	10.1	88.7	.4	.5	-	.3	-	c
344	Structural and miscellaneous metal products.....	964	100.0	26.9	66.9	5.4	-	-	.6	.2	d
3443	Fabricated plate products (boiler shop products).....	404	100.0	39.5	56.5	2.3	-	-	1.5	.2	d
345	Bolts, nuts, screws, rivets, washers, and other industrial fasteners.....	203	100.0	9.8	83.3	6.0	.4	-	.5	-	b
3452	Bolts, nuts, screws, rivets, washers, and other industrial fasteners.....	203	100.0	9.8	83.3	6.0	.4	-	.5	-	b
34521	Bolts, nuts, screws, rivets, and washers.....	186	100.0	10.8	81.9	6.5	.4	-	.4	-	b
346	Metal stampings.....	909	100.0	74.5	21.3	2.8	.1	-	1.3	-	a
3461	Metal stampings.....	909	100.0	74.5	21.3	2.8	.1	-	1.3	-	a
35	Machinery, except electrical.....	741	100.0	26.5	60.0	7.6	.4	0.1	5.3	.1	b
353	Construction, mining, and materials handling machinery and equipment.....	314	100.0	40.4	54.8	4.1	-	.2	.3	.2	b
3531	Construction machinery and equipment....	148	100.0	33.8	59.3	6.1	-	.4	-	.4	c
3536	Hoists, industrial cranes, and monorail systems.....	87	100.0	82.2	16.9	.9	-	-	-	-	b
3537	Industrial trucks, tractors, trailers, stackers, and metal skids, pallets, and platforms.....	50	100.0	3.1	89.5	5.7	.1	-	1.6	-	b
35371	Industrial trucks, tractors, trailers, and stackers.....	37	100.0	4.1	86.1	7.6	.1	-	2.1	-	c
354	Metalworking machinery and equipment....	161	100.0	21.0	49.3	4.7	1.3	-	23.7	-	b
3542	Machine tools, metal forming types.....	23	100.0	15.9	83.1	.6	.4	-	-	-	d
35421	Machine tools, metal forming types.....	23	100.0	15.9	83.1	.6	.4	-	-	-	d
3544	Special dies and tools, die sets, jigs, fixtures, and industrial molds and patterns.....	9	100.0	-	89.3	10.3	.3	-	.1	-	d
35441	Special dies and tools, die sets, jigs, and fixtures.....	9	100.0	-	89.3	10.3	.3	-	.1	-	d
3548	Metalworking machinery (except machine tools).....	66	100.0	43.0	48.4	8.6	-	-	-	-	b
355	Special industry machinery (except metalworking machinery).....	55	100.0	.7	96.9	1.6	.7	-	.1	-	d
356	General industrial machinery and equipment.....	106	100.0	13.0	64.4	22.4	.1	-	.1	-	b
3561	Pumps, air and gas compressors, and measuring and dispensing pumps, also pumping equipment.....	8	100.0	18.2	56.6	23.8	.5	-	.9	-	c
35611	Industrial pumps, including hydraulic fluid power pumps and motors.....	6	100.0	12.2	57.5	28.7	.6	-	1.0	-	c
359	Miscellaneous machinery and parts (except electrical).....	27	100.0	.5	86.4	12.0	.7	-	.4	-	b
3599	Miscellaneous machinery and parts (except electrical).....	27	100.0	.5	86.4	12.0	.7	-	.4	-	b
35999	Machinery and parts, n.e.c. (except electrical).....	27	100.0	.5	86.4	12.0	.7	-	.4	-	b

See footnote at end of table.

TABLE 1. Percent Distribution of Commodities, by Means of Transport: 1967--Continued

TCC code	Commodity	Number	Percent distribution by means of transport								Sampling variability code ¹
			All means of transport	Rail	Motor carrier	Private truck	Air	Water	Other	Unknown	
	TONS OF SHIPMENTS--Continued	(thousands of tons)									
36	Electrical machinery and equipment.....	516	100.0	14.3	64.4	17.1	0.6	1.3	2.3	-	b
362	Electrical industrial apparatus.....	185	100.0	15.6	77.6	3.2	.3	-	.3	-	c
3621	Motors and generators.....	145	100.0	21.1	74.9	3.6	.2	-	.2	-	c
36211	Motors.....	63	100.0	22.0	77.3	.5	.1	-	.1	-	d
363	Household appliances.....	59	100.0	26.0	60.6	.2	.4	11.8	1.0	-	c
364	Electric lighting and wiring equipment.	168	100.0	12.2	46.5	39.6	.4	-	1.1	0.2	c
3642	Lighting fixtures.....	82	100.0	24.0	71.1	3.0	.3	-	1.5	.1	d
37	Transportation equipment.....	2,276	100.0	49.2	48.1	1.9	.3	-	.2	.3	a
371	Motor vehicles and motor vehicle equipment.....	1,938	100.0	47.4	49.8	2.0	.3	-	.1	.4	a
3714	Motor vehicle parts and accessories....	1,230	100.0	45.3	51.2	2.3	.5	-	.1	.6	a
37144	Internal combustion engines and parts (motor vehicle only).....	228	100.0	29.5	70.4	.1	-	-	-	-	a
37145	Motor vehicle brakes and parts.....	28	100.0	-	97.3	2.6	.1	-	-	-	d
374	Railroad equipment.....	249	100.0	80.9	19.0	.1	-	-	-	-	d
	TON-MILES OF SHIPMENTS	(millions of ton-miles)									
	Production Area 11, total.....	9,267	100.0	52.2	39.1	6.9	.2	.7	.8	.1	-
20	Food and kindred products.....	343	100.0	41.8	36.9	21.0	-	.1	-	.2	-
201	Meat, poultry, and small game; fresh, chilled or frozen.....	39	100.0	47.5	4.2	46.8	-	-	-	1.5	-
208	Beverages and flavoring extracts.....	58	100.0	16.1	40.4	43.4	-	-	.1	-	-
2086	Bottled and canned soft drinks and carbonated, mineral, and plain waters....	17	100.0	-	8.8	91.2	-	-	-	-	-
20861	Bottled and canned soft drinks and carbonated, mineral, and plain waters....	17	100.0	-	8.8	91.2	-	-	-	-	-
25	Furniture and fixtures.....	85	100.0	30.8	56.0	12.1	-	.9	.2	-	-
251	Household and office furniture.....	55	100.0	35.5	44.2	18.7	-	1.4	.2	-	-
26	Pulp, paper, and allied products.....	143	100.0	51.8	30.9	15.2	.1	-	2.0	-	-
265	Containers, boxes and related products, paperboard, fiberboard, and pulpboard.	28	100.0	24.3	48.2	27.3	-	-	.2	-	-
28	Chemicals and allied products.....	1,150	100.0	71.7	22.6	4.1	-	1.3	.3	-	-
281	Industrial chemicals.....	772	100.0	86.2	6.8	5.0	-	2.0	-	-	-
282	Plastic materials and plasticizers, synthetic resins, rubbers, and fibers.	156	100.0	37.4	60.9	.5	-	-	1.2	-	-
2821	Plastic materials and plasticizers, synthetic resins, rubbers, and fibers.	156	100.0	37.4	60.9	.5	-	-	1.2	-	-
28211	Plastic materials and plasticizers, synthetic resins, and nonvulcanizable elastomers.....	58	100.0	30.0	69.7	.2	-	-	.1	-	-
28212	Synthetic rubber.....	49	100.0	51.0	44.3	.9	-	-	3.7	.1	-
284	Soap and detergents, cleaning preparations, perfumes, cosmetics, and other toilet preparations.....	4	100.0	.7	86.7	.4	1.3	-	9.6	1.3	-
2842	Specialty cleaning, polishing, and sanitation preparations (except soap and detergents).....	1	100.0	3.6	94.0	.3	-	-	2.1	-	-

See footnote at end of table.

TABLE 1. Percent Distribution of Commodities, by Means of Transport: 1967--Continued

TCC code	Commodity	Number	Percent distribution by means of transport								Sampling variability code ¹
			All means of transport	Rail	Motor carrier	Private truck	Air	Water	Other	Unknown	
	TON-MILES OF SHIPMENTS--Continued	(millions of ton-miles)									
285	Paints, varnishes, lacquers, enamels, and allied products.....	96	100.0	3.5	94.3	2.0	0.1	-	0.1	-	-
2851	Paints, varnishes, lacquers, enamels, and allied products.....	96	100.0	3.5	94.3	2.0	.1	-	.1	-	-
28511	Paints, varnishes, lacquers, enamels, and shellacs.....	46	100.0	5.7	90.2	3.6	.2	-	.2	0.1	-
289	Miscellaneous chemical products.....	57	100.0	58.7	29.3	9.9	.1	-	2.0	-	-
2899	Chemical products, n.e.c.....	45	100.0	73.3	23.9	2.5	-	-	.3	-	-
28998	Packaged chemical compounds.....	44	100.0	76.4	20.6	2.7	-	-	.3	-	-
29	Petroleum and coal products.....	151	100.0	33.3	55.6	11.1	-	-	-	-	-
291	Products of petroleum refining.....	109	100.0	35.8	52.3	11.9	-	-	-	-	-
2911	Products of petroleum refining (except liquefied petroleum gases and petroleum coke and breeze).....	105	100.0	37.3	53.1	9.6	-	-	-	-	-
29114	Lubricating oils and similar light oils and derivatives.....	40	100.0	82.8	13.3	3.9	-	-	-	-	-
295	Paving and roofing materials.....	28	100.0	7.6	80.4	12.0	-	-	-	-	-
2952	Asphalt felt and coatings.....	27	100.0	4.7	82.8	12.5	-	-	-	-	-
29522	Asphalt and tar coatings, cements, and pitches.....	17	100.0	-	85.1	14.9	-	-	-	-	-
30	Rubber and miscellaneous plastics products.....	360	100.0	41.3	51.5	4.4	.6	0.1	1.9	.2	-
301	Tires and inner tubes.....	233	100.0	61.8	34.7	1.3	.5	-	1.5	.2	-
3011	Tires and inner tubes.....	233	100.0	61.8	34.7	1.3	.5	-	1.5	.2	-
30111	Pneumatic tires.....	195	100.0	66.7	29.8	1.1	.6	-	1.5	.3	-
30115	Tread rubber, tire sundries, and repair materials.....	14	100.0	-	95.1	1.7	.4	-	2.8	-	-
306	Miscellaneous fabricated rubber products.....	77	100.0	1.0	79.6	15.6	1.0	-	2.8	-	-
3061	Miscellaneous fabricated rubber products.....	77	100.0	1.0	79.6	15.6	1.0	-	2.8	-	-
30612	Rubber hose and tubing.....	5	100.0	-	99.8	-	.1	-	.1	-	-
30619	Fabricated rubber products, n.e.c.....	57	100.0	.1	74.6	29.9	.6	-	3.8	-	-
307	Miscellaneous plastic products.....	37	100.0	1.9	92.6	1.1	.5	.5	3.4	-	-
3071	Miscellaneous plastic products.....	37	100.0	1.9	92.6	1.1	.5	.5	3.4	-	-
30713	Moulded plastic products.....	9	100.0	7.8	88.2	2.5	.9	-	.6	-	-
30714	Unsupported vinyl and polyethylene film and sheeting.....	14	100.0	-	92.3	.8	.4	-	6.5	-	-
325	Structural clay products.....	191	100.0	40.4	40.1	19.5	-	-	-	-	-
33	Primary metal products.....	3,660	100.0	57.7	38.1	3.2	-	.9	.1	-	-
331	Steel works and rolling mill products..	2,964	100.0	61.1	36.3	1.7	-	.9	-	-	-
3312	Primary iron and steel products, except coke-oven products.....	2,799	100.0	60.4	36.8	1.8	-	1.0	-	-	-
33122	Plates, iron and steel.....	36	100.0	51.4	48.5	.1	-	-	-	-	-
33123	Sheet and strip, iron and steel (except tin mill products).....	775	100.0	39.3	58.6	1.9	-	-	-	.2	-
33124	Bars, bar shapes, and rods.....	610	100.0	52.5	46.9	.6	-	-	-	-	-
33126	Steel pipe, tubes, and fittings.....	1,216	100.0	78.7	18.5	.7	-	2.1	-	-	-
332	Iron and steel castings.....	174	100.0	59.1	39.3	1.6	-	-	-	-	-
3321	Iron and steel castings.....	174	100.0	59.1	39.3	1.6	-	-	-	-	-
33219	Iron and steel castings, n.e.c.....	160	100.0	57.1	41.2	1.7	-	-	-	-	-

See footnote at end of table.

TABLE 1. Percent Distribution of Commodities, by Means of Transport: 1967--Continued

TCC code	Commodity	Number	Percent distribution by means of transport								Sampling variability code ¹
			All means of transport	Rail	Motor carrier	Private truck	Air	Water	Other	Unknown	
	TON-MILES OF SHIPMENTS--Continued	(millions of ton-miles)									
333	Nonferrous metals primary smelter products (slab, ingot, pig, etc., and residues).....	30	100.0	30.2	57.4	12.0	0.4	-	-	-	-
3339	Miscellaneous primary nonferrous and nonferrous base alloy basic metal products (anodes, cathodes, billets, blooms, pig, slab, or ingot, etc.)....	-	-	-	-	-	-	-	-	-	-
335	Nonferrous metal basic shapes.....	275	100.0	48.4	28.8	19.4	-	2.3	1.1	-	-
3351	Copper, brass, bronze, and other copper base alloy basic shapes.....	45	100.0	34.0	61.9	2.5	-	-	1.6	-	-
33513	Copper, brass, bronze, and other copper base alloy pipe, and tube.....	32	100.0	37.1	57.2	3.5	-	-	2.2	-	-
336	Nonferrous and nonferrous base alloy castings.....	45	100.0	-	96.6	3.0	.4	-	-	-	-
3361	Aluminum and aluminum base alloy castings.....	30	100.0	-	97.8	1.7	.5	-	-	-	-
33612	Aluminum castings (except cooking utensils).....	30	100.0	-	97.8	1.7	.5	-	-	-	-
339	Miscellaneous primary metal products...	171	100.0	32.0	64.6	2.7	.4	-	.3	-	-
3391	Iron and steel forgings.....	87	100.0	44.5	51.1	4.3	.1	-	-	-	-
33911	Iron and steel forgings.....	87	100.0	44.5	51.1	4.3	.1	-	-	-	-
34	Fabricated metal products.....	1,086	100.0	49.6	44.2	5.3	.6	-	.3	-	-
341	Metal cans.....	31	100.0	52.5	46.7	.8	-	-	-	-	-
3411	Metal cans.....	31	100.0	52.5	46.7	.8	-	-	-	-	-
34111	Metal cans.....	31	100.0	52.5	46.7	.8	-	-	-	-	-
343	Plumbing fixtures and heating apparatus (except electric).....	41	100.0	50.9	38.0	10.6	.4	-	.1	-	-
3433	Heating equipment (except electric)....	16	100.0	36.0	63.0	-	.8	-	.2	-	-
34339	Other heating equipment, n.e.c. (except electric).....	15	100.0	35.2	63.8	-	.8	-	.2	-	-
344	Structural and miscellaneous metal products.....	422	100.0	42.4	55.6	1.7	.1	-	.1	0.1	-
3443	Fabricated plate products (boiler shop products).....	214	100.0	46.2	53.3	.2	.1	-	.2	-	-
345	Bolts, nuts, screws, rivets, washers, and other industrial fasteners.....	69	100.0	16.9	76.4	4.8	1.4	-	.5	-	-
3452	Bolts, nuts, screws, rivets, washers, and other industrial fasteners.....	69	100.0	16.9	76.4	4.8	1.4	-	.5	-	-
34521	Bolts, nuts, screws, rivets, and washers.....	64	100.0	18.2	74.8	5.2	1.4	-	.4	-	-
346	Metal stampings.....	308	100.0	77.1	19.7	2.8	.1	-	.3	-	-
3461	Metal stampings.....	308	100.0	77.1	19.7	2.8	.1	-	.3	-	-
35	Machinery, except electrical.....	329	100.0	33.9	53.7	3.7	.6	.9	7.2	-	-
353	Construction, mining, and materials handling machinery and equipment.....	174	100.0	47.0	48.1	3.0	-	1.6	.3	-	-
3531	Construction machinery and equipment...	101	100.0	49.8	44.7	2.6	-	2.8	-	.1	-
3536	Hoists, industrial cranes, and monorail systems.....	32	100.0	81.3	18.3	.4	-	-	-	-	-
3537	Industrial trucks, tractors, trailers, stackers, and metal skids, pallets, and stackers.....	25	100.0	6.7	81.4	9.7	.1	-	2.1	-	-
35371	Industrial trucks, tractors, trailers, and stackers.....	19	100.0	8.9	75.3	12.9	.1	-	2.8	-	-

See footnote at end of table.

TABLE 1. Percent Distribution of Commodities, by Means of Transport: 1967--Continued

TCC code	Commodity	Number	Percent distribution by means of transport								Sampling variability code ¹
			All means of transport	Rail	Motor carrier	Private truck	Air	Water	Other	Unknown	
	TON-MILES OF SHIPMENTS--Continued	(millions of ton-miles)									
354	Metalworking machinery and equipment...	61	100.0	15.7	43.5	1.0	2.2	-	37.6	-	-
3542	Machine tools, metal forming types.....	7	100.0	33.3	64.9	1.1	.7	-	-	-	-
35421	Machine tools, metal forming types.....	7	100.0	33.3	64.9	1.1	.7	-	-	-	-
3544	Special dies and tools, die sets, jigs, fixtures, and industrial molds and patterns.....	3	100.0	-	97.2	2.3	.4	-	.1	-	-
35441	Special dies and tools, die sets, jigs, fixtures.....	3	100.0	-	97.2	2.3	.4	-	.1	-	-
3548	Metalworking machinery (except machine tools).....	17	100.0	36.3	61.2	2.5	-	-	-	-	-
355	Special industry machinery (except metalworking machinery).....	26	100.0	.2	96.2	2.5	1.0	-	.1	-	-
356	General industrial machinery and equipment.....	33	100.0	21.0	71.2	7.4	.2	-	.2	-	-
3561	Pumps, air and gas compressors, and measuring and dispensing pumps, also pumping equipment.....	5	100.0	19.8	62.2	16.4	.8	-	.8	-	-
35611	Industrial pumps, including hydraulic fluid power pumps and motors.....	4	100.0	8.8	66.3	22.8	1.0	-	1.1	-	-
359	Miscellaneous machinery and parts (except electrical).....	5	100.0	.7	83.4	13.4	1.9	-	.6	-	-
3599	Miscellaneous machinery and parts (except electrical).....	5	100.0	.7	83.4	13.4	1.9	-	.6	-	-
35999	Machinery and parts, n.e.c. (except electrical).....	5	100.0	.7	83.3	13.5	1.9	-	.6	-	-
36	Electrical machinery and equipment.....	282	100.0	24.0	50.0	19.0	1.2	2.9	2.9	-	-
362	Electrical industrial apparatus.....	88	100.0	34.0	62.5	2.3	.7	-	.5	-	-
3621	Motors and generators.....	70	100.0	37.8	58.9	2.7	.4	-	.2	-	-
36211	Motors.....	22	100.0	25.6	73.7	.3	.3	-	.1	-	-
363	Household appliances.....	36	100.0	25.0	49.4	-	.7	22.6	2.3	-	-
364	Electric lighting and wiring equipment.	113	100.0	22.8	33.7	41.7	.4	-	1.3	0.1	-
3642	Lighting fixtures.....	54	100.0	47.0	49.0	1.6	.3	-	2.0	.1	-
37	Transportation equipment.....	843	100.0	64.7	32.9	1.2	.6	-	.2	.4	-
371	Motor vehicles and motor vehicle equipment.....	741	100.0	65.6	32.1	1.1	.6	-	.1	.5	-
3714	Motor vehicle parts and accessories....	444	100.0	54.8	42.5	.8	1.0	-	.1	.8	-
37144	Internal combustion engines and parts (motor vehicle only).....	51	100.0	38.5	61.4	-	.1	-	-	-	-
37145	Motor vehicle brakes and parts.....	27	100.0	-	98.6	1.3	.1	-	-	-	-
374	Railroad equipment.....	65	100.0	92.0	8.0	-	-	-	-	-	-

¹Code letter indicates a sampling variability range as follows: a, 0-9 percent; b, 10-19 percent; c, 20-29 percent; and d, 30-50 percent. The variability for ton-miles has not been estimated.

TABLE 2. Percent Distribution of Commodities, by Distance of Shipment: 1967

TCC code	Commodity	Number	Percent distribution by distance of shipment								Sampling variability code ¹
			All distances	Under 100 miles	100 to 199 miles	200 to 299 miles	300 to 499 miles	500 to 999 miles	1,000 to 1,499 miles	1,500 miles or over	
	TONS OF SHIPMENTS	(thousands of tons)									
	Production Area 11, total.....	33,922	100.0	36.8	21.7	10.1	19.2	7.5	2.3	2.4	-
20	Food and kindred products.....	1,571	100.0	37.3	27.6	7.9	20.5	4.8	.5	1.4	d
201	Meat, poultry, and small game; fresh, chilled or frozen.....	325	100.0	68.4	8.1	4.0	18.5	1.0	-	-	c
208	Beverages and flavoring extracts.....	366	100.0	39.0	40.1	12.7	4.9	2.2	.7	.4	d
2086	Bottled and canned soft drinks and carbonated, mineral, and plain waters....	134	100.0	48.7	34.0	10.5	6.0	.8	-	-	b
20861	Bottled and canned soft drinks and carbonated, mineral, and plain waters....	134	100.0	48.7	34.0	10.5	6.0	.8	-	-	b
25	Furniture and fixtures.....	203	100.0	23.2	13.2	10.5	25.8	14.9	9.2	3.2	c
251	Household and office furniture.....	137	100.0	22.1	11.7	11.3	27.3	14.5	11.5	1.6	d
26	Pulp, paper, and allied products.....	456	100.0	33.3	17.8	9.8	23.0	11.6	1.7	2.8	c
265	Containers, boxes and related products, paperboard, fiberboard, and pulpboard.	196	100.0	64.8	18.7	3.2	7.0	5.6	.1	.6	d
28	Chemicals and allied products.....	3,366	100.0	23.6	22.8	9.9	29.3	9.6	1.5	3.3	b
281	Industrial chemicals.....	2,352	100.0	26.3	24.1	10.0	25.8	9.8	.9	3.1	b
282	Plastic materials and plasticizers, synthetic resins, rubbers, and fibers.	409	100.0	18.8	10.8	11.3	42.2	11.8	1.8	3.3	c
2821	Plastic materials and plasticizers, synthetic resins, rubbers, and fibers.	409	100.0	18.8	10.8	11.3	42.2	11.8	1.8	3.3	c
28211	Plastic materials and plasticizers, synthetic resins, and nonvulcanizable elastomers.....	185	100.0	24.4	11.9	16.2	34.3	10.3	1.7	1.2	b
21212	Synthetic rubber.....	136	100.0	11.2	10.6	11.7	51.2	12.5	2.4	.4	a
284	Soap and detergents, cleaning preparations, perfumes, cosmetics, and other toilet preparations.....	13	100.0	28.6	17.3	15.9	20.1	13.0	3.2	1.9	d
2842	Specialty cleaning, polishing, and sanitation preparations (except soap and detergents).....	3	100.0	45.6	15.1	6.7	19.8	12.0	.6	.2	d
285	Paints, varnishes, lacquers, enamels, and allied products.....	312	100.0	24.0	26.5	12.9	22.4	7.8	4.6	1.8	c
2851	Paints, varnishes, lacquers, enamels, and allied products.....	312	100.0	24.0	26.5	12.9	22.4	7.8	4.6	1.8	c
28511	Paints, varnishes, lacquers, enamels, and shellacs.....	187	100.0	30.9	29.3	9.1	21.1	6.7	2.0	.9	d
289	Miscellaneous chemical products.....	174	100.0	11.3	41.7	2.8	31.7	7.1	3.1	2.3	d
2899	Chemical products, n.e.c.....	116	100.0	5.3	33.5	3.1	41.8	9.6	3.8	2.9	d
28998	Packaged chemical compounds.....	111	100.0	5.3	34.5	3.1	40.8	9.6	3.8	2.9	d
29	Petroleum and coal products.....	1,403	100.0	70.4	13.2	8.4	7.3	.5	.1	.1	b
291	Products of petroleum refining.....	1,178	100.0	77.2	8.4	7.9	6.2	.2	.1	-	b
2911	Products of petroleum refining (except liquefied petroleum gases and petroleum coke and breeze).....	1,137	100.0	77.7	8.7	6.9	6.4	.2	.1	-	b
29114	Lubricating oils and similar light oils and derivatives.....	223	100.0	46.9	16.5	25.2	10.0	.9	.5	-	d
295	Paving and roofing materials.....	178	100.0	38.4	41.0	8.7	10.1	1.0	.2	.6	b
2952	Asphalt felt and coatings.....	167	100.0	38.5	39.9	9.1	10.6	1.0	.3	.6	b
29522	Asphalt and tar coatings, cements, and pitches.....	73	100.0	24.4	39.3	8.0	24.0	2.3	.6	1.4	d

See footnote at end of table.

TABLE 2. Percent Distribution of Commodities, by Distance of Shipment: 1967--Continued

TCC code	Commodity	Number	Percent distribution by distance of shipment								Sampling vari- ability code ¹
			All dis- tances	Under 100 miles	100 to 199 miles	200 to 299 miles	300 to 499 miles	500 to 999 miles	1,000 to 1,499 miles	1,500 miles or over	
	TONS OF SHIPMENTS--Continued	(thousands of tons)									
30	Rubber and miscellaneous plastics products.....	895	100.0	19.0	24.9	9.0	25.1	13.0	3.3	5.7	b
301	Tires and inner tubes.....	484	100.0	21.0	18.1	4.5	28.0	14.8	5.1	8.5	b
3011	Tires and inner tubes.....	484	100.0	21.0	18.1	4.5	28.0	14.8	5.1	8.5	b
30111	Pneumatic tires.....	388	100.0	19.8	18.5	4.0	28.9	14.6	4.1	10.1	a
30115	Tread rubber, tire sundries, and re- pair materials.....	45	100.0	21.6	26.1	12.0	25.1	13.7	.5	1.0	c
306	Miscellaneous fabricated rubber products.....	262	100.0	21.3	33.1	15.3	15.5	11.1	1.1	2.6	d
3061	Miscellaneous fabricated rubber products.....	262	100.0	21.3	33.1	15.3	15.5	11.1	1.1	2.6	d
30612	Rubber hose and tubing.....	15	100.0	8.4	44.4	12.4	20.0	10.2	2.0	2.6	d
30619	Fabricated rubber products, n.e.c.....	204	100.0	26.0	29.7	15.0	15.9	9.9	1.0	2.5	d
307	Miscellaneous plastic products.....	99	100.0	12.6	21.1	9.8	41.4	9.6	2.1	3.4	c
3071	Miscellaneous plastic products.....	99	100.0	12.6	21.1	9.8	41.4	9.6	2.1	3.4	c
30713	Moulded plastic products.....	26	100.0	24.0	16.8	8.9	40.5	3.4	3.0	3.4	d
30714	Unsupported vinyl and polyethylene film and sheeting.....	34	100.0	4.6	26.9	10.1	37.7	12.2	2.0	6.5	d
325	Structural clay products.....	931	100.0	48.2	16.6	12.4	17.5	3.2	1.3	.8	d
33	Primary metal products.....	13,183	100.0	32.4	22.9	14.2	17.6	8.1	2.8	2.0	a
331	Steel works and rolling mill products..	10,751	100.0	34.2	21.1	14.2	17.5	8.2	2.9	1.9	a
3312	Primary iron and steel products, except coke-oven products.....	10,064	100.0	34.7	20.8	14.6	16.8	8.1	3.1	1.9	a
33122	Plates, iron and steel.....	235	100.0	52.3	16.1	20.6	7.1	3.9	-	-	c
33123	Sheet and strip, iron and steel (except tin mill products).....	3,934	100.0	37.8	25.1	16.4	14.1	6.0	.2	.4	a
33124	Bars, bar shapes, and rods.....	2,319	100.0	28.9	22.8	13.8	25.0	6.0	2.6	.9	c
33126	Steel pipe, tubes, and fittings.....	2,147	100.0	11.1	17.4	12.9	21.1	18.8	11.5	7.2	a
332	Iron and steel castings.....	787	100.0	35.5	33.6	9.8	9.1	10.0	.7	1.3	b
3321	Iron and steel castings.....	787	100.0	35.5	33.6	9.8	9.1	10.0	.7	1.3	b
33219	Iron and steel castings, n.e.c.....	771	100.0	36.2	34.0	9.9	8.8	9.9	.4	.8	b
333	Nonferrous metals primary smelter products (slab, ingot, pig, etc., and residues).....	133	100.0	26.3	30.3	12.1	27.0	4.2	-	.1	d
3339	Miscellaneous primary nonferrous and nonferrous base alloy basic metal products (anodes, cathodes, billets, blooms, pig, slab, or ingot, etc.)....	1	100.0	22.4	41.1	25.2	3.3	1.4	1.4	5.2	d
335	Nonferrous metal basic shapes.....	625	100.0	18.9	16.8	11.8	30.2	11.8	4.9	5.6	d
3351	Copper, brass, bronze, and other copper base alloy basic shapes.....	99	100.0	5.9	23.6	8.2	37.7	15.5	3.8	5.3	b
33513	Copper, brass, bronze, and other copper base alloy pipe and tube.....	59	100.0	7.9	17.1	11.0	32.3	16.4	6.4	8.9	c
336	Nonferrous and nonferrous base alloy castings.....	149	100.0	13.4	24.8	21.9	30.7	6.4	1.8	1.0	d
3361	Aluminum and aluminum base alloy castings.....	110	100.0	13.6	29.6	27.2	22.4	5.4	1.1	.7	d
33612	Aluminum castings (except cooking utensils).....	110	100.0	13.6	29.6	27.2	22.4	5.4	1.1	.7	d
339	Miscellaneous primary metal products...	738	100.0	21.3	41.1	18.6	13.2	3.2	1.2	1.4	c
3391	Iron and steel forgings.....	415	100.0	15.9	47.5	21.1	11.7	2.4	1.0	.4	b
33911	Iron and steel forgings.....	415	100.0	15.9	47.5	21.1	11.7	2.4	1.0	.4	b

See footnote at end of table.

TABLE 2. Percent Distribution of Commodities, by Distance of Shipment: 1967--Continued

TCC code	Commodity	Number	Percent distribution by distance of shipment								Sampling variability code ¹
			All distances	Under 100 miles	100 to 199 miles	200 to 299 miles	300 to 499 miles	500 to 999 miles	1,000 to 1,499 miles	1,500 miles or over	
	TONS OF SHIPMENTS--Continued	(thousands of tons)									
34	Fabricated metal products.....	2,813	100.0	14.3	22.8	11.3	31.6	12.8	3.0	4.2	b
341	Metal cans.....	90	100.0	21.9	14.6	9.9	32.2	15.8	3.1	2.5	d
3411	Metal cans.....	90	100.0	21.9	14.6	9.9	32.2	15.8	3.1	2.5	d
34111	Metal cans.....	90	100.0	21.9	14.6	9.9	32.2	15.8	3.1	2.5	d
343	Plumbing fixtures and heating apparatus (except electric).....	67	100.0	16.3	11.7	10.9	31.9	10.3	3.8	15.1	b
3433	Heating equipment (except electric)....	27	100.0	3.1	12.9	7.0	48.1	15.7	1.0	12.2	c
34339	Other heating equipment, n.e.c. (except electric).....	27	100.0	3.1	12.9	7.1	48.3	15.8	.9	11.9	c
344	Structural and miscellaneous metal products.....	964	100.0	14.5	12.1	17.7	31.3	13.8	5.1	5.5	d
3443	Fabricated plate products (boiler shop products).....	404	100.0	11.9	7.8	9.7	34.8	21.9	7.1	6.8	d
345	Bolts, nuts, screws, rivets, washers, and other industrial fasteners.....	203	100.0	14.4	16.9	13.5	34.4	18.1	1.9	.8	b
3452	Bolts, nuts, screws, rivets, washers, and other industrial fasteners.....	203	100.0	14.4	16.9	13.5	34.4	18.1	1.9	.8	b
34521	Bolts, nuts, screws, rivets, and washers.....	186	100.0	14.6	16.0	11.7	35.6	19.3	2.0	.8	b
346	Metal stampings.....	909	100.0	8.2	39.4	2.1	39.6	5.8	1.5	3.4	a
3461	Metal stampings.....	909	100.0	8.2	39.4	2.1	39.6	5.8	1.5	3.4	a
35	Machinery, except electrical.....	741	100.0	20.8	11.1	12.3	34.0	9.6	5.5	6.7	b
353	Construction, mining, and materials handling machinery and equipment.....	314	100.0	11.8	7.3	10.6	42.9	10.5	6.7	10.2	b
3531	Construction machinery and equipment...	148	100.0	8.8	9.2	9.4	34.5	14.4	8.8	14.9	c
3536	Hoists, industrial cranes, and monorail systems.....	87	100.0	14.8	2.5	12.4	62.6	2.9	.4	4.4	b
3537	Industrial trucks, tractors, trailers, stackers, and metal skids, pallets, and platforms.....	50	100.0	16.1	5.9	6.1	41.9	16.6	5.3	8.1	b
35371	Industrial trucks, tractors, trailers, and stackers.....	37	100.0	10.6	7.2	6.8	40.7	21.5	7.1	6.1	c
354	Metalworking machinery and equipment...	161	100.0	21.4	16.2	20.7	22.7	9.1	5.3	4.6	b
3542	Machine tools, metal forming types.....	23	100.0	14.0	38.1	12.3	25.6	6.3	.7	3.0	d
35421	Machine tools, metal forming types.....	23	100.0	14.0	38.1	12.3	25.6	6.3	.7	3.0	d
3544	Special dies and tools, die sets, jigs, fixtures, and industrial molds and patterns.....	9	100.0	18.6	15.2	20.5	24.7	15.3	3.4	2.3	d
35441	Special dies and tools, die sets, jigs, and fixtures.....	9	100.0	18.6	15.2	20.5	24.7	15.3	3.4	2.3	d
3548	Metalworking machinery (except machine tools).....	66	100.0	28.7	18.3	23.7	21.9	4.4	-	3.0	b
355	Special industry machinery (except metalworking machinery).....	55	100.0	8.7	30.6	3.9	36.9	8.6	3.0	8.3	d
356	General industrial machinery and equipment.....	106	100.0	43.1	6.7	9.8	24.7	6.4	7.5	1.8	d
3561	Pumps, air and gas compressors, and measuring and dispensing pumps, also pumping equipment.....	8	100.0	14.3	5.3	3.5	33.5	17.4	20.1	5.9	c
35611	Industrial pumps, including hydraulic fluid power pumps and motors.....	6	100.0	16.9	6.4	4.3	40.1	21.0	4.2	7.1	c
359	Miscellaneous machinery and parts (except electrical).....	27	100.0	47.0	12.5	20.8	14.9	2.5	1.6	.7	d
3599	Miscellaneous machinery and parts (except electrical).....	27	100.0	47.0	12.5	20.8	14.9	2.5	1.6	.7	d
35999	Machinery and parts, n.e.c. (except electrical).....	27	100.0	47.2	12.6	20.9	14.9	2.2	1.5	.7	d

See footnote at end of table.

TABLE 2. Percent Distribution of Commodities, by Distance of Shipment: 1967--Continued

TCC code	Commodity	Number	Percent distribution by distance of shipment								Sampling variability code ¹
			All distances	Under 100 miles	100 to 199 miles	200 to 299 miles	300 to 499 miles	500 to 999 miles	1,000 to 1,499 miles	1,500 miles or over	
	TONS OF SHIPMENTS--Continued	(thousands of tons)									
36	Electrical machinery and equipment.....	516	100.0	15.1	12.6	9.5	28.0	20.6	4.4	9.8	b
362	Electrical industrial apparatus.....	185	100.0	11.2	12.5	10.9	35.5	20.7	3.3	5.9	c
3621	Motors and generators.....	145	100.0	8.5	14.6	10.6	33.5	23.9	2.3	6.6	c
36211	Motors.....	63	100.0	15.6	11.5	20.8	41.9	6.3	1.8	2.1	d
363	Household appliances.....	59	100.0	13.5	1.3	15.2	25.2	30.2	8.9	5.7	c
364	Electric lighting and wiring equipment.	168	100.0	26.6	7.6	4.4	21.7	15.7	5.0	19.0	c
3642	Lighting fixtures.....	82	100.0	6.5	9.2	7.2	32.6	24.2	7.8	12.5	d
37	Transportation equipment.....	2,276	100.0	20.7	24.8	7.9	29.7	9.1	3.5	4.3	a
371	Motor vehicles and motor vehicle equipment.....	1,938	100.0	17.3	28.6	8.0	27.9	9.6	4.1	4.5	a
3714	Motor vehicle parts and accessories....	1,230	100.0	18.6	28.4	4.8	32.5	7.6	4.6	3.5	a
37144	Internal combustion engines and parts (motor vehicle only).....	228	100.0	52.6	13.6	7.7	19.4	2.5	3.6	.6	a
37145	Motor vehicle brakes and parts.....	28	100.0	18.1	8.1	6.1	21.4	11.7	.4	34.2	d
374	Railroad equipment.....	249	100.0	47.9	.8	3.3	40.8	5.8	-	1.4	d
	TON-MILES OF SHIPMENTS	(millions of ton-miles)									
	Production Area 11, total.....	9,267	100.0	7.0	11.2	9.1	26.1	18.7	9.5	18.4	-
20	Food and kindred products.....	343	100.0	8.9	17.3	9.1	34.3	14.8	2.6	13.0	-
201	Meat, poultry, and small game; fresh, chilled or frozen.....	39	100.0	27.0	8.0	7.9	52.6	4.5	-	-	-
208	Beverages and flavoring extracts.....	58	100.0	14.0	36.3	19.6	11.0	9.4	5.1	4.6	-
2086	Bottled and canned soft drinks and carbonated, mineral, and plain waters....	17	100.0	16.7	41.6	21.9	16.3	3.5	-	-	-
20861	Bottled and canned soft drinks and carbonated, mineral, and plain waters....	17	100.0	16.7	41.6	21.9	16.3	3.5	-	-	-
25	Furniture and fixtures.....	85	100.0	2.0	4.7	5.9	23.7	24.1	23.8	15.8	-
251	Household and office furniture.....	55	100.0	1.8	3.9	6.6	25.8	22.9	31.2	7.8	-
26	Pulp, paper, and allied products.....	143	100.0	5.3	8.0	8.0	28.1	25.5	6.6	18.5	-
265	Containers, boxes and related products, paperboard, fiberboard, and pulpboard.	28	100.0	21.1	18.4	5.3	19.9	26.2	1.0	8.1	-
28	Chemicals and allied products.....	1,150	100.0	3.4	9.4	7.4	32.0	19.7	4.8	23.3	-
281	Industrial chemicals.....	772	100.0	3.8	10.5	7.9	29.1	20.9	3.0	24.8	-
282	Plastic materials and plasticizers, synthetic resins, rubbers, and fibers.	156	100.0	2.4	4.0	7.8	41.1	21.4	5.4	17.9	-
2821	Plastic materials and plasticizers, synthetic resins, rubbers, and fibers.	156	100.0	2.4	4.0	7.8	41.1	21.4	5.4	17.9	-
28211	Plastic materials and plasticizers, synthetic resins, and nonvulcanizable elastomers.....	58	100.0	3.2	5.3	13.4	40.7	23.9	5.9	7.6	-
28212	Synthetic rubber.....	49	100.0	1.5	4.3	8.6	55.8	19.5	8.1	2.2	-
284	Soap and detergents, cleaning preparations, perfumes, cosmetics, and other toilet preparations.....	4	100.0	4.1	7.4	12.3	24.8	27.4	11.6	12.4	-
2842	Specialty cleaning, polishing, and sanitation preparations (except soap and detergents).....	1	100.0	7.8	9.6	7.2	34.4	36.5	3.0	1.5	-

See footnote at end of table.

TABLE 2. Percent Distribution of Commodities, by Distance of Shipment: 1967--Continued

TCC code	Commodity	Number	Percent distribution by distance of shipment								Sampling variability code ¹
			All distances	Under 100 miles	100 to 199 miles	200 to 299 miles	300 to 499 miles	500 to 999 miles	1,000 to 1,499 miles	1,500 miles or over	
	TON-MILES OF SHIPMENTS--Continued	(millions of ton-miles)									
285	Paints, varnishes, lacquers, enamels, and allied products.....	96	100.0	5.0	12.5	10.4	27.6	16.4	16.2	11.9	-
2851	Paints, varnishes, lacquers, enamels, and allied products.....	96	100.0	5.0	12.5	10.4	27.6	16.4	16.2	11.9	-
28511	Paints, varnishes, lacquers, enamels, and shellacs.....	46	100.0	8.2	16.7	8.8	33.3	17.5	8.4	7.1	-
289	Miscellaneous chemical products.....	57	100.0	2.2	16.0	2.0	36.8	17.6	12.3	13.1	-
2899	Chemical products, n.e.c.....	45	100.0	.6	10.8	1.8	40.7	19.8	12.7	13.6	-
28998	Packaged chemical compounds.....	44	100.0	.6	11.1	1.8	40.0	20.0	12.8	13.7	-
29	Petroleum and coal products.....	151	100.0	31.5	17.9	19.8	23.3	3.4	1.5	2.6	-
291	Products of petroleum refining.....	109	100.0	39.3	13.2	21.5	22.9	1.6	1.2	.3	-
2911	Products of petroleum refining (except liquefied petroleum gases and petroleum coke and breeze).....	105	100.0	39.7	13.8	19.5	23.8	1.7	1.2	.3	-
29114	Lubricating oils and similar light oils and derivatives.....	40	100.0	20.0	13.6	37.3	21.6	3.9	3.2	.4	-
295	Paving and roofing materials.....	28	100.0	14.2	37.1	12.9	21.9	4.5	1.8	7.6	-
2952	Asphalt felt and coatings.....	27	100.0	13.9	35.7	13.3	22.5	4.7	1.9	8.0	-
29522	Asphalt and tar coatings, cements, and pitches.....	17	100.0	8.1	25.6	8.5	35.1	7.2	3.0	12.5	-
30	Rubber and miscellaneous plastics products.....	360	100.0	2.4	8.8	5.6	24.2	21.8	9.0	28.2	-
301	Tires and inner tubes.....	233	100.0	2.2	5.3	2.4	23.0	20.7	11.7	34.7	-
3011	Tires and inner tubes.....	233	100.0	2.2	5.3	2.4	23.0	20.7	11.7	34.7	-
30111	Pneumatic tires.....	195	100.0	2.0	5.0	2.1	22.7	20.0	8.8	39.4	-
30115	Tread rubber, tire sundries, and repair materials.....	14	100.0	5.2	13.2	9.5	34.9	27.8	2.2	7.2	-
306	Miscellaneous fabricated rubber products.....	77	100.0	3.8	16.2	12.8	19.9	25.7	3.8	17.8	-
3061	Miscellaneous fabricated rubber products.....	77	100.0	3.8	16.2	12.8	19.9	25.7	3.8	17.8	-
30612	Rubber hose and tubing.....	5	100.0	1.4	23.0	9.5	21.6	23.3	6.2	15.0	-
30619	Fabricated rubber products, n.e.c.....	57	100.0	4.9	14.6	13.1	21.6	23.6	3.9	18.3	-
307	Miscellaneous plastic products.....	37	100.0	1.8	7.2	6.9	41.6	17.2	6.7	18.6	-
3071	Miscellaneous plastic products.....	37	100.0	1.8	7.2	6.9	41.6	17.2	6.7	18.6	-
30713	Moulded plastic products.....	9	100.0	3.2	6.7	6.9	44.0	7.9	10.3	21.0	-
30714	Unsupported vinyl and polyethylene film and sheeting.....	14	100.0	.4	7.4	6.2	34.2	17.1	5.4	29.3	-
325	Structural clay products.....	191	100.0	15.1	11.9	15.2	32.1	10.4	7.1	8.2	-
33	Primary metal products.....	3,660	100.0	6.2	11.8	12.3	23.7	20.2	11.2	14.6	-
331	Steel works and rolling mill products..	2,964	100.0	6.5	11.0	12.4	23.4	20.7	12.0	14.0	-
3312	Primary iron and steel products, except coke-oven products.....	2,799	100.0	6.5	10.8	12.6	22.5	20.6	12.7	14.3	-
33122	Plates, iron and steel.....	36	100.0	17.8	14.3	31.9	17.9	18.1	-	-	-
33123	Sheet and strip, iron and steel (except tin mill products).....	775	100.0	10.5	18.1	19.3	26.4	20.2	1.0	4.5	-
33124	Bars, bar shapes, and rods.....	610	100.0	6.3	13.5	12.3	35.6	13.9	11.4	7.0	-
33126	Steel pipe, tubes and fittings.....	1,216	100.0	1.1	4.2	6.0	14.2	25.7	22.7	26.1	-
322	Iron and steel castings.....	174	100.0	11.2	19.8	11.5	15.1	27.0	3.5	11.9	-
3321	Iron and steel castings.....	174	100.0	11.2	19.8	11.5	15.1	27.0	3.5	11.9	-
33219	Iron and steel castings, n.e.c.....	160	100.0	12.1	21.4	12.3	15.4	28.5	2.3	8.0	-

See footnote at end of table.

TABLE 2. Percent Distribution of Commodities, by Distance of Shipment: 1967--Continued

TCC code	Commodity	Number	Percent distribution by distance of shipment								Sampling variability code ¹
			All distances	Under 100 miles	100 to 199 miles	200 to 299 miles	300 to 499 miles	500 to 999 miles	1,000 to 1,499 miles	1,500 miles or over	
	TON-MILES OF SHIPMENTS--Continued	(millions of ton-miles)									
333	Nonferrous metals primary smelter products (slab, ingot, pig, etc., and residues).....	30	100.0	7.7	20.6	12.5	48.0	10.5	-	0.7	-
3339	Miscellaneous primary nonferrous and nonferrous base alloy basic metal products (anodes, cathodes, billets, blooms, pig, slab, or ingot, etc.)....	-	-	-	-	-	-	-	-	-	-
335	Nonferrous metal basic shapes.....	275	100.0	1.9	6.0	6.9	26.3	19.3	12.6	27.0	-
3351	Copper, brass, bronze, and other copper base alloy basic shapes.....	45	100.0	.3	8.8	4.4	32.1	21.7	9.5	23.2	-
33513	Copper, brass, bronze, and other copper base alloy pipe and tube.....	32	100.0	.4	5.0	4.9	23.0	20.5	13.4	32.8	-
336	Nonferrous and nonferrous base alloy castings.....	45	100.0	2.8	11.9	17.4	38.8	15.7	6.3	7.1	-
3361	Aluminum and aluminum base alloy castings.....	30	100.0	3.3	16.1	24.1	32.4	14.3	4.5	5.3	-
33612	Aluminum castings (except cooking utensils).....	30	100.0	3.3	16.1	24.1	32.4	14.3	4.5	5.3	-
339	Miscellaneous primary metal products...	171	100.0	4.6	26.1	19.3	22.8	9.2	5.6	12.4	-
3391	Iron and steel forgings.....	87	100.0	4.0	33.4	24.4	21.6	7.0	5.3	4.3	-
33911	Iron and steel forgings.....	87	100.0	4.0	33.4	24.4	21.6	7.0	5.3	4.3	-
34	Fabricated metal products.....	1,086	100.0	2.0	7.8	7.3	31.0	21.9	9.0	21.0	-
341	Metal cans.....	31	100.0	3.7	5.2	6.8	31.4	28.6	9.3	15.0	-
3411	Metal cans.....	31	100.0	3.7	5.2	6.8	31.4	28.6	9.3	15.0	-
34111	Metal cans.....	31	100.0	3.7	5.2	6.8	31.4	28.6	9.3	15.0	-
343	Plumbing fixtures and heating apparatus (except electric).....	41	100.0	1.8	3.0	4.8	20.1	11.6	7.0	51.7	-
3433	Heating equipment (except electric)....	16	100.0	.3	3.1	3.2	31.4	17.2	2.0	42.8	-
34339	Other heating equipment, n.e.c. (except electric).....	15	100.0	.3	3.1	3.3	32.0	17.4	1.8	42.1	-
344	Structural and miscellaneous metal products.....	422	100.0	1.6	4.1	10.0	26.3	21.4	13.7	22.9	-
3443	Fabricated plate products (boiler shop products).....	214	100.0	1.2	2.0	4.5	24.8	27.3	15.1	25.1	-
345	Bolts, nuts, screws, rivets, washers, and other industrial fasteners.....	69	100.0	3.2	7.4	10.1	38.1	30.4	6.3	4.5	-
3452	Bolts, nuts, screws, rivets, washers, and other industrial fasteners.....	69	100.0	3.2	7.4	10.1	38.1	30.4	6.3	4.5	-
34521	Bolts, nuts, screws, rivets, and washers.....	64	100.0	3.2	6.7	8.4	38.6	31.7	6.7	4.7	-
346	Metal stampings.....	308	100.0	1.2	13.7	1.6	45.3	11.3	5.9	21.0	-
3461	Metal stampings.....	308	100.0	1.2	13.7	1.6	45.3	11.3	5.9	21.0	-
35	Machinery, except electrical.....	329	100.0	2.7	3.6	6.7	28.0	14.5	14.1	30.4	-
353	Construction, mining, and materials handling machinery and equipment.....	174	100.0	1.4	2.0	4.7	28.0	12.6	14.4	36.9	-
3531	Construction machinery and equipment...	101	100.0	.8	2.1	3.6	19.0	14.5	15.4	44.6	-
3536	Hoists, industrial cranes, and monorail systems.....	32	100.0	2.4	.9	7.5	59.1	4.8	1.3	24.0	-
3537	Industrial trucks, tractors, trailers, stackers, and metal skids, pallets, and platforms.....	25	100.0	2.3	1.6	2.9	29.6	20.3	11.7	31.6	-
35371	Industrial trucks, tractors, trailers, and stackers.....	19	100.0	1.5	2.0	3.1	28.6	26.0	15.3	23.5	-

See footnote at end of table.

TABLE 2. Percent Distribution of Commodities, by Distance of Shipment: 1967--Continued

TCC code	Commodity	Number	Percent distribution by distance of shipment								Sampling variability code ¹
			All distances	Under 100 miles	100 to 199 miles	200 to 299 miles	300 to 499 miles	500 to 999 miles	1,000 to 1,499 miles	1,500 miles or over	
	TON-MILES OF SHIPMENTS--Continued	(millions of ton-miles)									
354	Metalworking machinery and equipment...	61	100.0	3.2	6.0	13.8	22.8	15.0	14.6	24.6	-
3542	Machine tools, metal forming types.....	7	100.0	3.4	16.5	10.2	33.1	14.7	2.2	19.9	-
35421	Machine tools, metal forming types.....	7	100.0	3.4	16.5	10.2	33.1	14.7	2.2	19.9	-
3544	Special dies and tools, die sets, jigs, fixtures, and industrial molds and patterns.....	3	100.0	2.4	6.6	13.9	23.2	30.3	10.4	13.2	-
35441	Special dies and tools, die sets, jigs, and fixtures.....	3	100.0	2.4	6.6	13.9	23.2	30.3	10.4	13.2	-
3548	Metalworking machinery (except machine tools).....	17	100.0	6.4	9.7	22.4	28.9	9.6	-	23.0	-
355	Special industry machinery (except metalworking machinery).....	26	100.0	1.4	9.2	2.1	30.5	12.3	7.1	37.4	-
356	General industrial machinery and equipment.....	33	100.0	8.4	3.4	7.3	28.5	14.9	25.9	11.6	-
3561	Pumps, air and gas compressors, and measuring and dispensing pumps, also pumping equipment.....	5	100.0	2.1	1.4	1.4	19.8	22.9	34.1	18.3	-
35611	Industrial pumps, including hydraulic fluid power pumps and motors.....	4	100.0	2.8	1.9	2.0	27.2	31.7	9.0	25.4	-
359	Miscellaneous machinery and parts (except electrical).....	5	100.0	6.8	8.8	26.0	32.4	9.0	9.6	7.4	-
3599	Miscellaneous machinery and parts (except electrical).....	5	100.0	6.8	8.8	26.0	32.4	9.0	9.6	7.4	-
35999	Machinery and parts, n.e.c. (except electrical).....	5	100.0	6.9	8.9	26.3	32.8	8.4	9.2	7.5	-
36	Electrical machinery and equipment.....	282	100.0	1.4	3.1	4.3	19.3	24.1	9.0	38.8	-
362	Electrical industrial apparatus.....	88	100.0	1.7	3.9	6.0	28.8	25.5	8.2	25.9	-
3621	Motors and generators.....	70	100.0	1.5	4.5	5.7	25.9	28.6	5.6	28.2	-
36211	Motors.....	22	100.0	3.8	4.9	15.1	47.6	11.1	5.4	12.1	-
363	Household appliances.....	36	100.0	1.8	.3	5.8	16.0	29.6	15.2	31.3	-
364	Electric lighting and wiring equipment.	113	100.0	1.4	1.7	1.6	12.0	17.0	8.2	58.1	-
3642	Lighting fixtures.....	54	100.0	.8	2.1	2.7	18.9	26.2	13.2	36.1	-
37	Transportation equipment.....	843	100.0	4.1	10.1	5.3	28.7	16.6	11.2	24.0	-
371	Motor vehicles and motor vehicle equipment.....	741	100.0	3.6	11.3	5.1	26.0	16.9	12.6	24.5	-
3714	Motor vehicle parts and accessories....	444	100.0	4.6	11.8	3.3	31.2	13.6	15.2	20.3	-
37144	Internal combustion engines and parts (motor vehicle only).....	51	100.0	20.8	7.8	8.8	28.6	6.7	22.1	5.2	-
37145	Motor vehicle brakes and parts.....	27	100.0	1.6	1.3	1.5	9.2	10.9	.6	74.9	-
374	Railroad equipment.....	65	100.0	11.4	.4	3.0	57.9	15.6	.1	11.6	-

¹Code letter indicates a sampling variability range as follows: a, 0-9 percent; b, 10-19 percent; c, 20-29 percent; and d, 30-50 percent. The variability for ton-miles has not been estimated.

TABLE 3. Percent Distribution of Commodities, by Geographic Division of Destination: 1967

TCC code	Commodity	Number	Percent distribution by geographic division ¹ of destination										Sampling variability code ³
			All means of transport	New England	Middle Atlantic	East North Central	West North Central	South Atlantic	East South Central	West South Central	Mountain	Pacific ²	
	TONS OF SHIPMENTS	(thous. of tons)											
	Production Area 11, total.....	33,922	100.0	2.4	20.3	59.1	3.2	6.2	3.1	3.1	0.5	2.1	-
20	Food and kindred products.....	1,571	100.0	4.1	36.4	45.5	.5	10.0	1.6	.5	-	1.4	d
25	Furniture and fixtures.....	203	100.0	6.5	33.8	26.8	5.1	11.0	2.8	9.9	1.6	2.5	c
26	Pulp, paper, and allied products.....	456	100.0	4.9	21.4	48.0	4.7	11.5	2.8	3.9	.1	2.7	c
28	Chemicals and allied products.....	3,366	100.0	3.2	33.6	38.5	2.6	10.5	5.0	3.2	.6	2.8	b
29	Petroleum and coal products.....	1,403	100.0	-	13.0	83.5	.3	2.5	.5	.1	-	.1	b
30	Rubber and miscellaneous plastics products.....	895	100.0	1.5	15.7	51.6	6.4	8.3	6.0	4.6	1.3	4.6	b
33	Primary metal products.....	13,183	100.0	2.5	20.2	61.0	3.3	4.1	2.5	4.2	.3	1.9	a
34	Fabricated metal products.....	2,813	100.0	3.4	17.2	46.1	8.6	12.2	4.6	3.2	1.9	2.8	b
35	Machinery, except electrical.....	741	100.0	2.7	24.1	42.1	4.4	9.4	5.4	4.6	1.6	5.7	b
36	Electrical machinery and equipment.....	516	100.0	3.0	21.1	35.0	8.7	13.2	2.8	6.1	1.3	8.8	b
37	Transportation equipment.....	2,276	100.0	2.6	20.5	44.0	5.3	10.0	9.2	3.9	.5	4.0	a
	TON-MILES OF SHIPMENTS	(millions of ton-miles)											
	Production Area 11, total.....	9,267	100.0	4.4	15.9	27.3	7.4	8.5	5.2	11.8	2.9	16.6	-
20	Food and kindred products.....	343	100.0	9.0	31.9	20.5	1.5	17.4	4.6	2.2	.2	12.7	-
25	Furniture and fixtures.....	85	100.0	7.2	14.0	11.7	8.1	12.9	3.2	24.8	5.2	12.9	-
26	Pulp, paper, and allied products.....	143	100.0	6.8	13.8	20.8	9.7	13.6	4.1	12.7	.6	17.9	-
28	Chemicals and allied products.....	1,150	100.0	5.0	24.7	16.0	4.9	9.8	6.9	9.0	2.9	20.8	-
29	Petroleum and coal products.....	151	100.0	.1	28.1	57.7	2.4	5.7	2.0	1.3	.3	2.4	-
30	Rubber and miscellaneous plastics products.....	360	100.0	1.8	11.0	20.4	10.0	8.6	7.9	11.5	4.9	23.9	-
33	Primary metal products.....	3,660	100.0	4.4	14.6	32.1	7.6	5.3	4.5	15.6	1.7	14.2	-
34	Fabricated metal products.....	1,086	100.0	4.4	10.9	22.1	13.2	11.9	5.8	8.9	7.5	15.3	-
35	Machinery, except electrical.....	329	100.0	2.8	14.8	17.2	6.6	10.0	5.8	10.8	5.4	26.6	-
36	Electrical machinery and equipment.....	282	100.0	2.9	9.2	13.4	10.1	11.1	2.5	11.6	3.5	35.7	-
37	Transportation equipment.....	843	100.0	3.4	12.2	19.3	9.3	11.2	8.3	11.8	1.9	22.6	-

¹States included in the geographic divisions are as follows: NEW ENGLAND--Maine, New Hampshire, Vermont, Massachusetts, Rhode Island, and Connecticut; MIDDLE ATLANTIC--New York, New Jersey, and Pennsylvania; EAST NORTH CENTRAL--Ohio, Indiana, Illinois, Michigan, and Wisconsin; WEST NORTH CENTRAL--Minnesota, Iowa, Missouri, North Dakota, South Dakota, Nebraska, and Kansas; SOUTH ATLANTIC--Delaware, Maryland, District of Columbia, Virginia, West Virginia, North Carolina, South Carolina, Georgia, and Florida; EAST SOUTH CENTRAL--Kentucky, Tennessee, Alabama, and Mississippi; WEST SOUTH CENTRAL--Arkansas, Louisiana, Oklahoma, and Texas; MOUNTAIN--Montana, Idaho, Wyoming, Colorado, New Mexico, Arizona, Utah, and Nevada; PACIFIC--Washington, Oregon, California, Alaska, and Hawaii.

²Shipments to Alaska and Hawaii from the 48 conterminous States and the District of Columbia are included; no data were obtained for shipments originating in Alaska and Hawaii.

³Code letter indicates a sampling variability range as follows: a, 0-9 percent; b, 10-19 percent; c, 20-29 percent; and d, 30-50 percent. The variability for ton-miles has not been estimated.

TABLE 4. Percent Distribution of Commodities, by Production Area of Destination: 1967

TCC code	Commodity	Number	Percent distribution by production area ¹ of destination							
			Total	1 (BOST)	2 (HART)	3 (NYNY)	4 (N. NJ)	5 (PHIL)	6 (BALT)	7 (ALLN)
	TONS OF SHIPMENTS	(thousands of tons)								
	Production Area 11, total.....	33,922	100.0	0.9	0.6	1.8	2.3	2.1	0.8	0.6
20	Food and kindred products.....	1,571	100.0	1.5	.2	2.1	2.3	4.4	2.0	.7
201	Meat, poultry, and small game; fresh, chilled or frozen.....	325	100.0	1.0	-	2.6	2.1	2.4	7.5	-
208	Beverages and flavoring extracts.....	366	100.0	-	-	.1	-	.4	.3	-
2086	Bottled and canned soft drinks and carbonated, mineral, and plain waters....	134	100.0	-	-	-	-	.9	.8	-
20861	Bottled and canned soft drinks and carbonated, mineral, and plain waters....	134	100.0	-	-	-	-	.9	.8	-
25	Furniture and fixtures.....	203	100.0	1.0	1.2	6.7	.7	2.6	.5	.2
251	Household and office furniture.....	137	100.0	1.4	1.0	8.3	.5	2.9	.6	.2
26	Pulp, paper, and allied products.....	456	100.0	2.5	2.3	3.0	2.4	1.9	.5	-
265	Containers, boxes and related products, paperboard, fiberboard, and pulpboard.	196	100.0	-	-	.1	.1	.6	-	-
28	Chemicals and allied products.....	3,366	100.0	1.1	.5	.8	8.9	4.2	1.1	-
281	Industrial chemicals.....	2,352	100.0	1.0	.3	.6	8.5	4.8	1.0	-
282	Plastic materials and plasticizers, synthetic resins, rubbers, and fibers.	409	100.0	2.2	1.7	2.6	4.8	5.6	2.0	-
2821	Plastic materials and plasticizers, synthetic resins, rubbers, and fibers.	409	100.0	2.2	1.7	2.6	4.8	5.6	2.0	-
28211	Plastic materials and plasticizers, synthetic resins, and nonvulcanizable elastomers.....	185	100.0	2.3	2.6	3.1	5.4	8.8	.7	-
28212	Synthetic rubber.....	136	100.0	3.4	-	3.5	5.6	4.1	5.2	-
284	Soap and detergents, cleaning preparations, perfumes, cosmetics, and other toilet preparations.....	13	100.0	3.8	1.8	2.8	.1	1.4	.2	-
2842	Specialty cleaning, polishing, and sanitation preparations (except soap and detergents).....	3	100.0	.5	.9	1.2	.2	.7	-	-
285	Paints, varnishes, lacquers, enamels, and allied products.....	312	100.0	1.0	.5	.5	1.6	1.2	1.2	-
2851	Paints, varnishes, lacquers, enamels, and allied products.....	312	100.0	1.0	.5	.5	1.6	1.2	1.2	-
28511	Paints, varnishes, lacquers, enamels, and shellacs.....	187	100.0	.3	.5	.2	.2	1.1	.4	-
289	Miscellaneous chemical products.....	174	100.0	.2	1.0	.9	.6	2.2	.1	.2
2899	Chemical products, n.e.c.....	116	100.0	.2	1.4	.6	.8	3.1	-	.3
28998	Packaged chemical compounds.....	111	100.0	-	1.4	.5	.9	1.1	-	.3
29	Petroleum and coal products.....	1,403	100.0	-	-	.5	4.2	.4	.5	-
291	Products of petroleum refining.....	1,178	100.0	-	-	.3	4.6	.3	.6	-
2911	Products of petroleum refining (except liquefied petroleum gases and petroleum coke and breeze).....	1,137	100.0	-	-	.3	4.8	.3	.6	-
29114	Lubricating oils and similar light oils and derivatives.....	223	100.0	-	-	1.4	4.1	1.4	2.9	-
295	Paving and roofing materials.....	178	100.0	-	-	-	1.8	.9	.2	.2
2952	Asphalt felt and coatings.....	167	100.0	-	-	-	1.9	1.0	.2	.2
29522	Asphalt and tar coatings, cements, and pitches.....	73	100.0	-	.1	-	4.3	2.2	.5	.5

See footnotes at end of table.

TABLE 4. Percent Distribution of Commodities, by Production Area of Destination: 1967--Continued

TCC code	Commodity	Percent distribution by production area ¹ of destination--Continued									
		8 (HARR)	9 (SYRA)	10 (BUFF)	11 ² (CLEV)	12 (PITT)	13 (DETR)	14 (CINC)	15 (CHIC)	16 (MILW)	17 (M-SP)
	TONS OF SHIPMENTS										
	Production Area 11, total.....	0.5	0.7	2.7	20.6	4.5	9.9	2.9	3.5	0.6	0.4
20	Food and kindred products.....	1.9	.4	4.2	20.8	10.6	3.2	1.0	1.3	.2	-
201	Meat, poultry, and small game; fresh, chilled or frozen.....	-	.4	1.0	33.9	10.8	.1	.8	3.1	.4	-
208	Beverages and flavoring extracts.....	1.3	.5	16.2	16.9	14.8	1.8	.7	.7	.2	-
2086	Bottled and canned soft drinks and carbonated, mineral, and plain waters....	.9	1.0	10.3	25.3	6.3	4.6	.8	1.3	-	-
20861	Bottled and canned soft drinks and carbonated, mineral, and plain waters....	.9	1.0	10.3	25.3	6.3	4.6	.8	1.3	-	-
25	Furniture and fixtures.....	.4	1.1	4.6	10.7	3.1	2.6	2.8	5.2	.1	1.2
251	Household and office furniture.....	.7	1.6	4.8	4.6	4.4	2.6	.6	4.3	.1	-
26	Pulp, paper, and allied products.....	.3	.5	2.6	17.8	5.0	4.5	2.2	4.5	1.1	.8
265	Containers, boxes and related products, paperboard, fiberboard, and pulpboard.	.2	-	1.3	36.7	6.6	5.1	1.8	.5	.1	.3
28	Chemicals and allied products.....	.7	.5	3.9	14.7	3.7	3.1	2.4	3.8	.3	.4
281	Industrial chemicals.....	.6	.7	4.3	17.4	3.9	1.8	2.2	2.2	-	.4
282	Plastic materials and plasticizers, synthetic resins, rubbers, and fibers.	.4	-	2.1	11.2	2.2	4.1	1.6	14.2	1.3	.4
2821	Plastic materials and plasticizers, synthetic resins, rubbers, and fibers.	.4	-	2.1	11.2	2.2	4.1	1.6	14.2	1.3	.4
28211	Plastic materials and plasticizers, synthetic resins, and nonvulcanizable elastomers.....	-	-	3.2	16.9	.2	6.6	1.2	10.3	.3	.4
28212	Synthetic rubber.....	1.1	-	1.8	6.5	1.2	.7	2.3	6.9	1.3	.7
284	Soap and detergents, cleaning preparations, perfumes, cosmetics, and other toilet preparations.....	.3	.3	7.6	20.6	2.8	8.2	3.6	1.5	.8	.2
2842	Specialty cleaning, polishing, and sanitation preparations (except soap and detergents).....	-	-	2.0	39.3	2.2	5.1	1.5	1.7	.4	-
285	Paints, varnishes, lacquers, enamels, and allied products.....	2.5	.8	5.0	10.3	3.3	13.1	5.7	4.4	1.5	.9
2851	Paints, varnishes, lacquers, enamels, and allied products.....	2.5	.8	5.0	10.3	3.3	13.1	5.7	4.4	1.5	.9
28511	Paints, varnishes, lacquers, enamels, and shellacs.....	1.0	1.3	7.3	13.7	2.0	19.7	2.5	4.3	.3	.1
289	Miscellaneous chemical products.....	.2	.1	1.0	3.9	7.2	2.9	2.0	3.9	.3	.3
2899	Chemical products, n.e.c.....	-	-	1.4	4.4	4.3	3.8	2.4	5.1	.4	.4
28998	Packaged chemical compounds.....	-	-	1.4	4.5	4.4	3.9	2.5	5.3	.4	.4
29	Petroleum and coal products.....	-	1.5	2.3	39.4	6.3	7.8	2.9	1.3	-	.1
291	Products of petroleum refining.....	-	1.7	.7	43.2	5.7	7.5	2.7	.7	-	-
2911	Products of petroleum refining (except liquefied petroleum gases and petroleum coke and breeze).....	-	1.8	.7	43.5	5.9	7.8	1.5	.7	-	-
29114	Lubricating oils and similar light oils and derivatives.....	-	-	.9	11.1	.4	31.2	7.5	1.6	-	.1
295	Paving and roofing materials.....	.1	.5	8.3	23.5	10.0	10.0	4.3	2.8	-	-
2952	Asphalt felt and coatings.....	.1	.5	8.9	24.0	9.9	10.7	4.6	2.8	-	-
29522	Asphalt and tar coatings, cements, and pitches.....	.1	1.2	12.8	7.2	8.5	10.4	3.6	6.3	.1	.1

See footnotes at end of table.

TABLE 4. Percent Distribution of Commodities, by Production Area of Destination: 1967--Continued

TCC code	Commodity	Percent distribution by production area ¹ of destination--Continued									Sampling variability code ²
		18 (STLO)	19 (ATLA)	20 (DALL)	21 (HOUS)	22 (DENV)	23 (SETL)	24 (SANF)	25 (LOSA)	All other	
	TONS OF SHIPMENTS										
	Production Area 11, total.....	1.2	0.4	0.5	0.8	0.1	0.2	0.4	0.9	40.1	-
20	Food and kindred products.....	.3	.1	.1	.2	-	-	-	1.2	41.3	d
201	Meat, poultry, and small game; fresh, chilled or frozen.....	-	-	-	-	-	-	-	-	33.9	c
208	Beverages and flavoring extracts.....	.3	.2	-	.4	-	-	-	.1	45.1	d
2086	Bottled and canned soft drinks and carbonated, mineral, and plain waters....	.5	-	-	-	-	-	-	-	47.3	b
20861	Bottled and canned soft drinks and carbonated, mineral, and plain waters....	.5	-	-	-	-	-	-	-	47.3	b
25	Furniture and fixtures.....	1.3	.3	7.0	.2	1.2	.1	1.0	.2	44.0	c
251	Household and office furniture.....	1.2	.4	9.1	.2	1.6	-	.1	.1	48.7	d
26	Pulp, paper, and allied products.....	1.7	2.4	.5	.5	-	-	.1	2.4	40.5	c
265	Containers, boxes and related products, paperboard, fiberboard, and pulpboard.	1.5	-	.1	-	-	-	.1	.2	44.7	d
28	Chemicals and allied products.....	.9	.4	.2	.2	.1	-	.4	.9	46.8	b
281	Industrial chemicals.....	.5	.4	-	-	-	-	-	.6	48.8	b
282	Plastic materials and plasticizers, synthetic resins, rubbers, and fibers.	.2	.2	.8	.1	.7	-	.8	2.4	38.4	c
2821	Plastic materials and plasticizers, synthetic resins, rubbers, and fibers.	.2	.2	.8	.1	.7	-	.8	2.4	38.4	c
28211	Plastic materials and plasticizers, synthetic resins, and nonvulcanizable elastomers.....	.1	-	1.3	-	-	-	-	1.0	35.6	b
28212	Synthetic rubber.....	.3	.6	-	.2	2.2	-	-	.1	52.3	a
284	Soap and detergents, cleaning preparations, perfumes, cosmetics, and other toilet preparations.....	.9	.1	.7	-	.6	.1	.2	.3	41.1	d
2842	Specialty cleaning, polishing, and sanitation preparations (except soap and detergents).....	.4	.4	.4	-	.1	-	.2	-	42.8	d
285	Paints, varnishes, lacquers, enamels, and allied products.....	3.9	1.5	1.1	1.8	-	.2	.3	.8	36.9	c
2851	Paints, varnishes, lacquers, enamels, and allied products.....	3.9	1.5	1.1	1.8	-	.2	.3	.8	36.9	c
28511	Paints, varnishes, lacquers, enamels, and shellacs.....	6.4	2.5	1.6	.2	-	.1	.2	.1	34.0	d
289	Miscellaneous chemical products.....	-	-	.4	.3	.2	-	.5	.8	70.8	d
2899	Chemical products, n.e.c.....	-	-	.5	.5	-	-	.5	1.1	68.8	d
28998	Packaged chemical compounds.....	-	-	.5	.3	-	-	.6	1.0	70.6	d
29	Petroleum and coal products.....	-	-	-	.1	-	-	-	.1	32.6	b
291	Products of petroleum refining.....	-	-	-	.1	-	-	-	-	31.9	b
2911	Products of petroleum refining (except liquefied petroleum gases and petroleum coke and breeze).....	-	-	-	.1	-	-	-	-	32.0	b
29114	Lubricating oils and similar light oils and derivatives.....	-	-	-	.5	-	-	-	-	36.9	d
295	Paving and roofing materials.....	-	-	.1	-	-	-	.2	.3	36.8	b
2952	Asphalt felt and coatings.....	-	-	.1	-	-	-	.3	.3	34.5	b
29522	Asphalt and tar coatings, cements, and pitches.....	.1	-	.1	-	-	-	.6	.6	40.7	d

See footnotes at end of table.

TABLE 4. Percent Distribution of Commodities, by Production Area of Destination: 1967 --Continued

TCC code	Commodity	Number	Percent distribution by production area ¹ of destination							
			Total	1 (BOST)	2 (HART)	3 (NYNY)	4 (N. NJ)	5 (PHIL)	6 (BALT)	7 (ALLN)
	TONS OF SHIPMENTS--Continued	(thousands of tons)								
30	Rubber and miscellaneous plastics products.....	895	100.0	0.6	0.4	2.2	2.9	3.3	0.4	-
301	Tires and inner tubes.....	484	100.0	.7	.4	2.8	2.8	2.0	.1	-
3011	Tires and inner tubes.....	484	100.0	.7	.4	2.8	2.8	2.0	.1	-
30111	Pneumatic tires.....	388	100.0	.5	.4	3.5	3.4	2.1	-	-
30115	Tread rubber, tire sundries, and repair materials.....	45	100.0	-	.5	.2	-	.1	.1	-
306	Miscellaneous fabricated rubber products.....	262	100.0	.6	.2	1.6	3.2	2.4	1.2	0.1
3061	Miscellaneous fabricated rubber products.....	262	100.0	.6	.2	1.6	3.2	2.4	1.2	.1
30612	Rubber hose and tubing.....	15	100.0	.3	.1	1.0	3.5	1.7	5.5	.4
30619	Fabricated rubber products, n.e.c.....	204	100.0	.7	.3	1.7	3.3	2.8	1.1	.1
307	Miscellaneous plastic products.....	99	100.0	.8	.8	2.1	.9	13.6	.4	-
3071	Miscellaneous plastic products.....	99	100.0	.8	.8	2.1	.9	13.6	.4	-
30713	Moulded plastic products.....	26	100.0	2.6	.2	.1	2.1	9.7	-	-
30714	Unsupported vinyl and polyethylene film and sheeting.....	34	100.0	.2	1.9	4.3	.8	7.3	-	-
325	Structural clay products.....	931	100.0	.8	2.6	4.2	.7	1.5	1.1	.4
33	Primary metal products.....	13,183	100.0	.8	.7	1.7	1.3	1.8	.6	1.1
331	Steel works and rolling mill products..	10,751	100.0	.7	.6	1.6	1.1	1.8	.6	1.3
3312	Primary iron and steel products, except coke-oven products.....	10,064	100.0	.8	.6	1.6	1.1	1.9	.7	.2
33122	Plates, iron and steel.....	235	100.0	-	-	-	-	-	-	-
33123	Sheet and strip, iron and steel (except tin mill products).....	3,934	100.0	.5	.4	.5	1.0	1.4	.8	.3
33124	Bars, bar shapes, and rods.....	2,319	100.0	1.7	1.6	3.6	2.0	4.2	.3	.2
33126	Steel pipe, tubes, and fittings.....	2,147	100.0	.8	.5	2.7	1.2	1.5	1.3	-
332	Iron and steel castings.....	787	100.0	.3	1.2	.4	.3	2.6	.3	.3
3321	Iron and steel castings.....	787	100.0	.3	1.2	.4	.3	2.6	.3	.3
33219	Iron and steel castings, n.e.c.....	771	100.0	.3	1.2	.2	.3	2.6	.3	.3
333	Nonferrous metals primary smelter products (slab, ingot, pig, etc., and residues).....	133	100.0	3.7	.4	.2	3.4	-	-	.4
3339	Miscellaneous primary nonferrous and nonferrous base alloy basic metal products (anodes, cathodes, billets, blooms, pig, slab, or ingot, etc.)....	1	100.0	.5	-	1.1	.9	.6	-	.1
335	Nonferrous metal basic shapes.....	625	100.0	3.0	1.5	4.6	4.5	2.8	1.4	-
3351	Copper, brass, bronze, and other copper base alloy basic shapes.....	99	100.0	6.2	6.5	4.9	3.0	.8	3.1	-
33513	Copper, brass, bronze, and other copper base alloy pipe and tube.....	59	100.0	5.2	1.2	2.6	5.0	1.4	2.0	-
336	Nonferrous and nonferrous base alloy castings.....	149	100.0	1.3	.6	5.1	.3	1.5	.2	1.5
3361	Aluminum and aluminum base alloy castings.....	110	100.0	1.4	.2	1.5	.3	.7	.1	2.0
33612	Aluminum castings (except cooking utensils).....	110	100.0	1.4	.2	1.5	.3	.7	.1	2.0
339	Miscellaneous primary metal products...	738	100.0	.6	.5	1.2	1.2	.3	.1	.6
3391	Iron and steel forgings.....	415	100.0	.3	.1	.6	.1	.4	-	1.1
33911	Iron and steel forgings.....	415	100.0	.3	.1	.6	.1	.4	-	1.1

See footnotes at end of table.

TABLE 4. Percent Distribution of Commodities, by Production Area of Destination: 1967--Continued

TCC code	Commodity	Percent distribution by production area ¹ of destination--Continued									
		8 (HARR)	9 (SYRA)	10 (BUFF)	11 ² (CLEV)	12 (PITT)	13 (DETR)	14 (CINC)	15 (CHIC)	16 (MILW)	17 (M-SP)
	TONS OF SHIPMENTS--Continued										
30	Rubber and miscellaneous plastics products.....	1.5	0.5	1.4	8.7	2.2	13.1	2.4	3.4	1.5	0.8
301	Tires and inner tubes.....	.1	.4	.3	8.5	2.2	9.9	2.6	4.1	1.4	.4
3011	Tires and inner tubes.....	.1	.4	.3	8.5	2.2	9.9	2.6	4.1	1.4	.4
30111	Pneumatic tires.....	.1	.1	.2	7.9	.9	12.3	2.4	4.7	1.7	.1
30115	Tread rubber, tire sundries, and repair materials.....	-	4.1	1.5	4.5	12.2	.2	1.8	.3	.2	2.3
306	Miscellaneous fabricated rubber products.....	.1	.1	2.9	11.9	2.0	18.5	3.3	2.5	.9	1.5
3061	Miscellaneous fabricated rubber products.....	.1	.1	2.9	11.9	2.0	18.5	3.3	2.5	.9	1.5
30612	Rubber hose and tubing.....	-	.1	.2	5.1	1.7	10.2	33.8	4.1	4.7	.1
30619	Fabricated rubber products, n.e.c.....	.1	.1	3.5	14.3	2.4	18.6	1.6	2.2	.7	1.6
307	Miscellaneous plastic products.....	4.0	2.2	3.3	5.9	3.8	5.7	1.0	4.2	4.5	1.1
3071	Miscellaneous plastic products.....	4.0	2.2	3.3	5.9	3.8	5.7	1.0	4.2	4.5	1.1
30713	Moulded plastic products.....	13.6	4.7	3.9	12.9	5.1	2.1	.8	3.2	.2	.5
30714	Unsupported vinyl and polyethylene film and sheeting.....	-	-	.3	2.4	.1	10.6	.3	1.6	12.7	1.7
325	Structural clay products.....	-	1.1	6.0	19.8	6.1	26.1	1.3	5.3	.2	.4
33	Primary metal products.....	.5	.6	2.7	18.4	5.4	12.3	4.3	4.7	.9	.3
331	Steel works and rolling mill products..	.4	.7	2.5	20.0	6.0	11.6	4.4	5.0	1.0	.2
3312	Primary iron and steel products, except coke-oven products.....	.4	.6	2.5	20.4	5.7	12.0	4.6	5.2	1.0	.2
33122	Plates, iron and steel.....	-	-	12.6	20.8	.9	7.9	-	5.1	-	-
33123	Sheet and strip, iron and steel (except tin mill products).....	-	1.5	3.2	18.3	2.4	19.8	7.0	3.5	1.0	-
33124	Bars, bar shapes, and rods.....	1.0	.1	2.7	11.8	7.7	14.8	4.2	6.9	.4	.3
33126	Steel pipe, tubes, and fittings.....	.9	-	1.5	5.9	9.4	2.0	.6	7.7	1.4	.6
332	Iron and steel castings.....	.4	.5	5.3	10.3	4.6	16.0	2.1	7.2	.2	-
3321	Iron and steel castings.....	.4	.5	5.3	10.3	4.6	16.0	2.1	7.2	.2	-
33219	Iron and steel castings, n.e.c.....	.4	.5	5.4	10.5	4.7	16.3	2.1	7.3	.2	-
333	Nonferrous metals primary smelter products (slab, ingot, pig, etc., and residues).....	.2	.7	7.2	11.3	4.5	15.0	10.5	1.2	1.4	.5
3339	Miscellaneous primary nonferrous and nonferrous base alloy basic metal products (anodes, cathodes, billets, blooms, pig, slab, or ingot, etc.)....	23.7	.2	-	15.2	41.1	-	-	-	-	.1
335	Nonferrous metal basic shapes.....	2.2	.4	3.8	11.1	4.6	3.9	3.1	.9	.9	1.0
3351	Copper, brass, bronze, and other copper base alloy basic shapes.....	.4	2.5	15.6	5.7	-	.8	5.3	1.0	1.4	3.1
33513	Copper, brass, bronze, and other copper base alloy pipe and tube.....	.7	2.7	4.0	7.5	.1	1.3	8.9	.1	.1	1.0
336	Nonferrous and nonferrous base alloy castings.....	.3	1.0	8.3	6.6	1.0	11.8	11.8	9.2	.7	-
3361	Aluminum and aluminum base alloy castings.....	.4	1.1	8.8	6.3	.1	14.5	15.6	3.8	1.0	-
33612	Aluminum castings (except cooking utensils).....	.4	1.1	8.8	6.3	.1	14.5	15.6	3.8	1.0	-
339	Miscellaneous primary metal products...	.3	.2	.9	12.7	.5	25.5	3.9	1.7	.5	.7
3391	Iron and steel forgings.....	-	.4	.6	10.9	-	40.5	2.9	2.4	.7	.6
33911	Iron and steel forgings.....	-	.4	.6	10.9	-	40.5	2.9	2.4	.7	.6

See footnotes at end of table.

TABLE 4. Percent Distribution of Commodities, by Production Area of Destination: 1967--Continued

TCC code	Commodity	Percent distribution by production area ¹ of destination--Continued									Sampling variability code
		18 (STLO)	19 (ATLA)	20 (DALL)	21 (HOUS)	22 (DENV)	23 (SETL)	24 (SANF)	25 (LOSA)	All other	
	TONS OF SHIPMENTS--Continued										
30	Rubber and miscellaneous plastics products.....	1.2	0.3	0.8	0.9	0.1	1.0	0.3	1.6	48.5	b
301	Tires and inner tubes.....	1.7	.1	1.2	1.5	-	1.4	.2	2.4	52.8	b
3011	Tires and inner tubes.....	1.7	.1	1.2	1.5	-	1.4	.2	2.4	52.8	b
30111	Pneumatic tires.....	1.3	.1	1.5	1.5	-	1.7	.1	3.0	50.5	a
30115	Tread rubber, tire sundries, and repair materials.....	7.2	.1	-	-	-	-	1.0	-	63.7	c
306	Miscellaneous fabricated rubber products.....	.7	.6	.5	.1	-	.1	.7	.7	43.6	d
3061	Miscellaneous fabricated rubber products.....	.7	.6	.5	.1	-	.1	.7	.7	43.6	d
30612	Rubber hose and tubing.....	1.2	1.5	1.5	-	-	.2	-	.3	22.8	d
30619	Fabricated rubber products, n.e.c.....	.8	.4	.4	.1	-	.1	.7	.9	41.5	d
307	Miscellaneous plastic products.....	.6	1.0	-	.7	.4	1.6	.2	.5	40.7	c
3071	Miscellaneous plastic products.....	.6	1.0	-	.7	.4	1.6	.2	.5	40.7	c
30713	Moulded plastic products.....	-	-	-	1.5	.1	-	.4	1.4	34.9	d
30714	Unsupported vinyl and polyethylene film and sheeting.....	.4	3.0	-	.7	-	4.6	-	.1	47.0	d
325	Structural clay products.....	.7	-	.2	.7	.2	-	-	.6	20.0	d
33	Primary metal products.....	1.2	.2	.2	1.7	.1	.2	.3	.6	37.4	a
331	Steel works and rolling mill products..	1.3	.2	.1	2.0	.1	.2	.3	.6	35.7	a
3312	Primary iron and steel products, except coke-oven products.....	1.3	.2	.1	2.1	.1	.2	.3	.6	35.6	a
33122	Plates, iron and steel.....	.4	-	-	-	-	-	-	-	52.3	c
33123	Sheet and strip, iron and steel (except tin mill products).....	.4	-	-	-	-	-	.3	.1	37.6	a
33124	Bars, bar shapes, and rods.....	2.8	-	.1	1.3	-	-	-	.8	31.5	c
33126	Steel pipe, tubes, and fittings.....	2.2	.9	.5	8.4	.3	.9	.7	1.9	46.2	a
332	Iron and steel castings.....	.8	.3	.1	.3	.2	.4	.4	.2	45.3	b
3321	Iron and steel castings.....	.8	.3	.1	.3	.2	.4	.4	.2	45.3	b
33219	Iron and steel castings, n.e.c.....	.7	-	-	.3	-	-	.4	.2	45.8	b
333	Nonferrous metals primary smelter products (slab, ingot, pig, etc., and residues).....	.6	-	-	-	-	-	-	-	38.8	d
3339	Miscellaneous primary nonferrous and nonferrous base alloy basic metal products (anodes, cathodes, billets, blooms, pig, slab, or ingot, etc.)....	-	-	-	-	-	.1	3.4	1.4	11.6	d
335	Nonferrous metal basic shapes.....	.3	-	1.3	.9	1.6	.8	.9	1.7	42.8	d
3351	Copper, brass, bronze, and other copper base alloy basic shapes.....	.4	-	1.4	-	1.9	-	.2	3.3	32.5	b
33513	Copper, brass, bronze, and other copper base alloy pipe and tube.....	.7	-	2.4	.1	3.3	-	.3	5.6	43.8	c
336	Nonferrous and nonferrous base alloy castings.....	2.6	.1	1.3	.2	-	-	.6	.2	33.8	d
3361	Aluminum and aluminum base alloy castings.....	3.3	-	.7	.3	-	-	.5	-	37.4	d
33612	Aluminum castings (except cooking utensils).....	3.3	-	.7	.3	-	-	.5	-	37.4	d
339	Miscellaneous primary metal products...	.3	-	1.0	-	-	.2	.1	1.1	45.9	c
3391	Iron and steel forgings.....	-	-	.7	-	-	.1	-	.2	37.4	b
33911	Iron and steel forgings.....	-	-	.7	-	-	.1	-	.2	37.4	b

See footnotes at end of table.

TABLE 4. Percent Distribution of Commodities, by Production Area of Destination: 1967 --Continued

TCC code	Commodity	Number	Percent distribution by production area ¹ of destination							
			Total	1 (BOST)	2 (HART)	3 (NYNY)	4 (N. NJ)	5 (PHIL)	6 (BALT)	7 (ALLN)
	TONS OF SHIPMENTS--Continued	(thousands of tons)								
34	Fabricated metal products.....	2,813	100.0	1.7	0.6	1.8	2.4	4.9	1.2	0.5
341	Metal cans.....	90	100.0	5.1	-	.7	2.4	2.2	1.5	.3
3411	Metal cans.....	90	100.0	5.1	-	.7	2.4	2.2	1.5	.3
34111	Metal cans.....	90	100.0	5.1	-	.7	2.4	2.2	1.5	.3
343	Plumbing fixtures and heating apparatus (except electric).....	67	100.0	3.4	2.8	2.3	.3	3.8	4.3	.4
3433	Heating equipment (except electric)....	27	100.0	7.6	.4	1.4	.6	.9	10.5	.7
34339	Other heating equipment, n.e.c. (except electric).....	27	100.0	7.6	.4	1.4	.6	.9	10.5	.7
344	Structural and miscellaneous metal products.....	964	100.0	3.0	1.1	3.8	1.5	2.2	1.4	.9
3443	Fabricated plate products (boiler shop products).....	404	100.0	5.4	.7	2.3	.7	3.5	1.2	1.5
345	Bolts, nuts, screws, rivets, washers, and other industrial fasteners.....	203	100.0	3.2	.6	1.2	3.3	5.3	.7	1.8
3452	Bolts, nuts, screws, rivets, washers, and other industrial fasteners.....	203	100.0	3.2	.6	1.2	3.3	5.3	.7	1.8
34521	Bolts, nuts, screws, rivets, and washers.....	186	100.0	3.5	.7	1.3	3.6	5.7	.7	2.0
346	Metal stampings.....	909	100.0	.1	.2	-	3.3	9.6	.2	-
3461	Metal stampings.....	909	100.0	.1	.2	-	3.3	9.6	.2	-
35	Machinery, except electrical.....	741	100.0	.6	1.5	6.3	2.5	2.7	2.1	1.5
353	Construction, mining, and materials handling machinery and equipment.....	314	100.0	.5	2.1	7.3	2.6	4.2	2.3	2.7
3531	Construction machinery and equipment...	148	100.0	.9	3.5	7.4	3.1	2.4	2.7	-
3536	Hoists, industrial cranes, and monorail systems.....	87	100.0	-	.4	10.4	1.2	4.6	2.0	8.8
3537	Industrial trucks, tractors, trailers, stackers, and metal skids, pallets, and platforms.....	50	100.0	.5	2.3	3.8	4.8	11.2	2.7	1.5
35371	Industrial trucks, tractors, trailers, and stackers.....	37	100.0	.6	3.1	5.0	6.4	.3	3.5	2.0
354	Metalworking machinery and equipment...	161	100.0	.7	.3	7.0	1.3	3.0	-	1.7
3542	Machine tools, metal forming types.....	23	100.0	-	-	.6	4.2	1.7	-	-
35421	Machine tools, metal forming types.....	23	100.0	-	-	.6	4.2	1.7	-	-
3544	Special dies and tools, die sets, jigs, fixtures, and industrial molds and patterns.....	9	100.0	.2	.4	.6	.1	7.5	.3	.1
35441	Special dies and tools, die sets, jigs, and fixtures.....	9	100.0	.2	.4	.6	.1	7.5	.3	.1
3548	Metalworking machinery (except machine tools).....	66	100.0	-	.1	8.0	-	4.9	-	3.7
355	Special industry machinery (except metalworking machinery).....	55	100.0	3.0	4.9	1.7	1.7	.6	-	-
356	General industrial machinery and equipment.....	106	100.0	.1	1.1	2.6	.9	.5	7.0	-
3561	Pumps, air and gas compressors, and measuring and dispensing pumps, also pumping equipment.....	8	100.0	1.3	.1	11.7	1.0	.1	.1	-
35611	Industrial pumps, including hydraulic fluid power pumps and motors.....	6	100.0	1.6	.1	14.2	1.3	.1	.1	-
359	Miscellaneous machinery and parts (except electrical).....	27	100.0	-	.3	.8	.2	.7	.2	-
3599	Miscellaneous machinery and parts (except electrical).....	27	100.0	-	.3	.8	.2	.7	.2	-
35999	Machinery and parts, n.e.c. (except electrical).....	27	100.0	-	.3	.8	.2	.7	.2	-

See footnotes at end of table.

TABLE 4. Percent Distribution of Commodities, by Production Area of Destination: 1967--Continued

TCC code	Commodity	Percent distribution by production area ¹ of destination--Continued									
		8 (HARR)	9 (SYRA)	10 (BUFF)	11 ² (CLEV)	12 (PITT)	13 (DETR)	14 (CINC)	15 (CHIC)	16 (MILW)	17 (M-SP)
	TONS OF SHIPMENTS--Continued										
34	Fabricated metal products.....	0.4	1.1	2.7	7.7	2.3	15.7	2.3	3.3	0.5	2.0
341	Metal cans.....	-	.1	2.4	12.4	.7	15.9	3.4	11.4	.3	3.3
3411	Metal cans.....	-	.1	2.4	12.4	.7	15.9	3.4	11.4	.3	3.3
34111	Metal cans.....	-	.1	2.4	12.4	.7	15.9	3.4	11.4	.3	3.3
343	Plumbing fixtures and heating apparatus (except electric).....	.7	.6	4.9	5.2	.2	7.2	3.2	5.1	.3	.1
3433	Heating equipment (except electric)....	1.3	.3	.3	6.0	.4	1.0	5.6	.7	.1	-
34339	Other heating equipment, n.e.c. (except electric).....	1.3	.3	.3	6.0	.4	1.0	5.7	.7	.1	-
344	Structural and miscellaneous metal products.....	.7	2.7	1.5	9.3	2.6	2.5	3.2	3.1	.1	-
3443	Fabricated plate products (boiler shop products).....	.1	.5	1.9	7.8	2.2	2.1	.7	4.2	.3	-
345	Bolts, nuts, screws, rivets, washers, and other industrial fasteners.....	.6	.4	3.2	3.9	1.9	10.9	3.7	9.3	1.2	.7
3452	Bolts, nuts, screws, rivets, washers, and other industrial fasteners.....	.6	.4	3.2	3.9	1.9	10.9	3.7	9.3	1.2	.7
34521	Bolts, nuts, screws, rivets, and washers.....	.7	.4	1.8	4.2	2.0	10.5	3.7	7.5	1.1	.4
346	Metal stampings.....	-	.3	.6	4.7	.1	38.2	.6	2.4	1.0	2.1
3461	Metal stampings.....	-	.3	.6	4.7	.1	38.2	.6	2.4	1.0	2.1
35	Machinery, except electrical.....	.6	.7	2.5	6.7	4.3	5.5	3.1	7.3	1.5	.5
353	Construction, mining, and materials handling machinery and equipment.....	.6	1.0	2.4	3.5	5.1	4.9	2.1	11.0	.4	.3
3531	Construction machinery and equipment...	.1	1.7	4.5	4.5	2.1	4.5	.6	2.6	.5	.5
3536	Hoists, industrial cranes, and monorail systems.....	.1	-	.2	3.8	9.1	2.0	5.7	31.1	.2	-
3537	Industrial trucks, tractors, trailers, stackers, and metal skids, pallets, and platforms.....	.2	1.2	.9	1.6	9.4	4.0	1.7	6.3	.7	.1
35371	Industrial trucks, tractors, trailers, and stackers.....	.2	1.4	1.1	1.9	1.8	5.0	2.1	8.4	1.0	-
354	Metalworking machinery and equipment...	1.2	.9	2.1	10.7	6.7	9.6	6.7	5.3	.6	.2
3542	Machine tools, metal forming types.....	-	.1	4.1	4.7	2.0	22.0	4.1	4.2	1.8	-
35421	Machine tools, metal forming types.....	-	.1	4.1	4.7	2.0	22.0	4.1	4.2	1.8	-
3544	Special dies and tools, die sets, jigs, fixtures, and industrial molds and patterns.....	-	14.7	4.1	10.8	1.6	2.9	4.1	9.5	.7	1.5
35441	Special dies and tools, die sets, jigs, and fixtures.....	-	14.7	4.1	10.8	1.6	2.9	4.1	9.5	.7	1.5
3548	Metalworking machinery (except machine tools).....	2.8	.1	2.5	13.9	15.2	10.3	13.2	8.1	.7	-
355	Special industry machinery (except metalworking machinery).....	.4	-	2.5	2.4	2.3	5.8	3.4	11.4	1.6	1.5
356	General industrial machinery and equip- ment.....	-	.4	2.1	13.6	2.3	4.0	2.3	2.0	.8	.1
3561	Pumps, air and gas compressors, and measuring and dispensing pumps, also pumping equipment.....	-	.3	2.8	1.9	-	12.7	-	12.4	-	..
35611	Industrial pumps, including hydraulic fluid power pumps and motors.....	-	.4	3.3	2.3	-	15.2	-	15.0	-	.5
359	Miscellaneous machinery and parts (except electrical).....	-	-	1.7	8.0	5.0	2.5	.4	2.9	-	..
3599	Miscellaneous machinery and parts (except electrical).....	-	-	1.7	8.0	5.0	2.5	.4	2.9	-	..
35999	Machinery and parts, n.e.c. (except electrical).....	-	-	1.7	8.0	5.0	2.5	.4	3.0	-	..

See footnotes at end of table.

TABLE 4. Percent Distribution of Commodities, by Production Area of Destination: 1967--Continued

TCC code	Commodity	Percent distribution by production area ¹ of destination--Continued									Sampling variability code ³
		18 (STLO)	19 (ATLA)	20 (DALL)	21 (HOUS)	22 (DENV)	23 (SETL)	24 (SANF)	25 (LOSA)	All other	
	TONS OF SHIPMENTS--Continued										
34	Fabricated metal products.....	3.9	0.8	0.5	0.4	0.1	-	0.9	1.5	40.8	b
341	Metal cans.....	1.2	1.6	3.1	-	-	-	.2	1.1	30.7	d
3411	Metal cans.....	1.2	1.6	3.1	-	-	-	.2	1.1	30.7	d
34111	Metal cans.....	1.2	1.6	3.1	-	-	-	.2	1.1	30.7	d
343	Plumbing fixtures and heating apparatus (except electric).....	5.6	.4	3.3	.1	.1	0.1	.2	14.0	31.4	b
3433	Heating equipment (except electric)....	12.3	1.1	-	.2	.3	.1	.4	10.0	37.8	c
34339	Other heating equipment, n.e.c. (except electric).....	12.4	1.1	-	.1	.3	.1	-	10.1	38.0	c
344	Structural and miscellaneous metal products.....	.8	.9	.2	.8	.1	-	.4	1.2	56.0	d
3443	Fabricated plate products (boiler shop products).....	.6	-	.5	1.7	.2	-	.8	2.7	58.4	d
345	Bolts, nuts, screws, rivets, washers, and other industrial fasteners.....	.9	1.4	.5	-	1.2	-	.2	.4	43.5	b
3452	Bolts, nuts, screws, rivets, washers, and other industrial fasteners.....	.9	1.4	.5	-	1.2	-	.2	.4	43.5	b
34521	Bolts, nuts, screws, rivets, and washers.....	1.0	1.4	.5	-	-	-	.2	.4	45.4	b
346	Metal stampings.....	10.0	.7	.3	-	-	-	1.6	1.8	22.2	a
3461	Metal stampings.....	10.0	.7	.3	-	-	-	1.6	1.8	22.2	a
35	Machinery, except electrical.....	1.5	.4	1.4	.8	.1	.4	1.0	2.1	42.4	b
353	Construction, mining, and materials handling machinery and equipment.....	.9	.8	1.0	.8	.1	.9	2.0	3.5	37.0	b
3531	Construction machinery and equipment....	1.3	1.0	1.2	.9	.2	.9	3.9	3.6	45.4	c
3536	Hoists, industrial cranes, and monorail systems.....	.6	-	.3	.1	-	1.0	-	3.1	15.3	b
3537	Industrial trucks, tractors, trailers, stackers, and metal skids, pallets, and platforms.....	.2	2.0	2.3	1.5	.2	.9	1.0	3.8	35.2	b
35371	Industrial trucks, tractors, trailers, and stackers.....	.2	2.6	3.1	2.1	.3	1.2	1.4	.3	45.0	c
354	Metalworking machinery and equipment...	2.4	.1	3.9	1.0	-	.1	.2	1.6	32.7	b
3542	Machine tools, metal forming types.....	7.6	-	-	-	-	-	.8	2.1	40.0	d
35421	Machine tools, metal forming types.....	7.6	-	-	-	-	-	.8	2.1	40.0	d
3544	Special dies and tools, die sets, jigs, fixtures, and industrial molds and patterns.....	-	-	.7	.5	.5	-	.1	.8	38.3	d
35441	Special dies and tools, die sets, jigs, and fixtures.....	-	-	.7	.5	.5	-	.1	.8	38.3	d
3548	Metalworking machinery (except machine tools).....	.7	-	-	-	-	-	-	2.5	13.3	b
355	Special industry machinery (except metalworking machinery).....	5.7	-	-	1.5	-	-	1.8	1.2	46.6	d
356	General industrial machinery and equipment.....	.9	.1	.5	.7	-	-	-	.3	57.7	d
3561	Pumps, air and gas compressors, and measuring and dispensing pumps, also pumping equipment.....	.1	-	.1	.2	.3	.3	-	2.7	51.5	c
35611	Industrial pumps, including hydraulic fluid power pumps and motors.....	.1	-	.1	.3	.3	.3	-	3.3	41.5	c
359	Miscellaneous machinery and parts (except electrical).....	.1	-	.2	.8	.2	.1	.1	.1	75.3	d
3599	Miscellaneous machinery and parts (except electrical).....	.1	-	.2	.8	.2	.1	.1	.1	75.3	d
35999	Machinery and parts, n.e.c. (except electrical).....	.1	-	.2	.8	.2	.1	.1	.1	75.2	d

See footnotes at end of table.

TABLE 4. Percent Distribution of Commodities, by Production Area of Destination: 1967 --Continued

TCC code	Commodity	Number	Percent distribution by production area ¹ of destination							
			Total	1 (BOST)	2 (HART)	3 (NYNY)	4 (N. NJ)	5 (PHIL)	6 (BALT)	7 (ALLN)
	TONS OF SHIPMENTS--Continued	(thousands of tons)								
36	Electrical machinery and equipment.....	516	100.0	2.1	0.4	2.8	1.6	1.9	0.4	0.1
362	Electrical industrial apparatus.....	185	100.0	.5	.2	1.9	1.5	1.4	.3	-
3621	Motors and generators.....	145	100.0	.5	.1	1.5	1.8	1.2	.3	-
36211	Motors.....	63	100.0	1.1	.3	1.7	3.0	1.3	.4	-
363	Household appliances.....	59	100.0	12.9	-	7.8	2.9	7.5	-	-
364	Electric lighting and wiring equipment.	168	100.0	1.3	.6	1.8	1.4	.8	.5	.3
3642	Lighting fixtures.....	82	100.0	2.6	.8	3.3	2.8	1.5	.2	.6
37	Transportation equipment.....	2,276	100.0	.7	1.3	3.7	1.6	1.3	2.5	.1
371	Motor vehicles and motor vehicle equipment.....	1,938	100.0	.7	.5	2.2	1.8	1.4	2.9	.1
3714	Motor vehicle parts and accessories....	1,230	100.0	.2	.1	2.2	1.4	.9	3.9	.1
37144	Internal combustion engines and parts (motor vehicle only).....	228	100.0	-	.5	-	.5	.7	-	-
37145	Motor vehicle brakes and parts.....	28	100.0	-	-	1.9	-	1.3	-	4.5
374	Railroad equipment.....	249	100.0	-	-	16.1	-	-	-	-
	TON-MILES OF SHIPMENTS	(millions of ton-miles)								
	Production Area 11, total.....	9,267	100.0	1.8	1.0	2.5	3.1	2.6	.9	.6
20	Food and kindred products.....	343	100.0	3.3	.3	3.4	3.6	7.0	2.7	1.0
201	Meat, poultry, and small game; fresh, chilled or frozen.....	39	100.0	4.5	-	8.6	7.0	6.9	18.8	-
208	Beverages and flavoring extracts.....	58	100.0	-	.1	.2	-	.8	.5	.1
2086	Bottled and canned soft drinks and car- bonated, mineral, and plain waters....	17	100.0	-	-	-	-	2.3	1.8	-
20861	Bottled and canned soft drinks and car- bonated, mineral, and plain waters....	17	100.0	-	-	-	-	2.3	1.8	-
25	Furniture and fixtures.....	85	100.0	1.0	1.2	5.5	.6	2.1	.3	.1
251	Household and office furniture.....	55	100.0	1.6	1.0	6.8	.4	2.4	.4	.1
26	Pulp, paper, and allied products.....	143	100.0	3.8	2.8	3.5	2.5	1.9	.4	-
265	Containers, boxes and related products, paperboard, fiberboard, and pulpboard.	28	100.0	.1	-	.3	.2	1.4	.1	-
28	Chemicals and allied products.....	1,150	100.0	1.7	.7	1.0	9.7	4.2	.9	-
281	Industrial chemicals.....	772	100.0	1.6	.4	.7	9.6	4.9	.9	-
282	Plastic materials and plasticizers, synthetic resins, rubbers, and fibers.	156	100.0	3.2	1.9	2.8	4.9	5.0	1.5	-
2821	Plastic materials and plasticizers, synthetic resins, rubbers, and fibers.	156	100.0	3.2	1.9	2.8	4.9	5.0	1.5	-
28211	Plastic materials and plasticizers, synthetic resins, and nonvulcanizable elastomers.....	58	100.0	4.1	3.6	4.1	6.7	9.5	.6	-
28212	Synthetic rubber.....	49	100.0	5.1	-	3.9	5.9	4.0	4.1	-
284	Soap and detergents, cleaning prepara- tions, perfumes, cosmetics, and other toilet preparations.....	4	100.0	6.4	2.7	3.7	.2	1.5	.2	-
2842	Specialty cleaning, polishing, and sanitation preparations (except soap and detergents).....	1	100.0	1.2	1.8	2.1	.3	1.0	-	-

See footnotes at end of table.

TABLE 4. Percent Distribution of Commodities, by Production Area of Destination: 1967--Continued

TCC code	Commodity	Percent distribution by production area ¹ of destination—Continued									
		8 (HARR)	9 (SYRA)	10 (BUFF)	11 ² (CLEV)	12 (PITT)	13 (DETR)	14 (CINC)	15 (CHIC)	16 (MILW)	17 (M-SP)
	TONS OF SHIPMENTS--Continued										
36	Electrical machinery and equipment.....	0.3	3.3	1.3	9.9	3.5	3.8	3.2	4.1	2.2	1.8
362	Electrical industrial apparatus.....	.4	8.4	1.0	5.3	2.8	2.2	2.5	2.3	1.2	1.6
3621	Motors and generators.....	.5	10.6	1.2	2.0	3.3	2.5	3.0	1.3	1.2	2.1
36211	Motors.....	.3	.4	1.9	4.0	1.0	1.9	6.0	.9	2.7	1.9
363	Household appliances.....	-	1.4	.3	1.3	1.6	9.0	7.7	.2	.3	.2
364	Electric lighting and wiring equipment.....	.4	.1	.6	22.4	.9	5.0	3.2	5.6	.5	1.3
3642	Lighting fixtures.....	.3	.2	.7	2.1	1.1	5.3	3.5	7.0	.8	2.2
37	Transportation equipment.....	.1	.3	4.9	4.9	1.1	22.6	3.0	2.4	.6	.3
371	Motor vehicles and motor vehicle equipment.....	.1	.4	5.7	2.9	1.1	26.5	3.0	2.3	.6	.4
3714	Motor vehicle parts and accessories....	-	-	5.3	.5	.3	31.9	3.5	2.0	.3	.3
37144	Internal combustion engines and parts (motor vehicle only).....	-	.1	1.9	.3	.1	61.9	.1	.5	1.1	1.6
37145	Motor vehicle brakes and parts.....	-	-	.6	2.3	-	7.4	.1	.8	.3	-
374	Railroad equipment.....	-	-	.1	16.4	.9	.3	-	2.8	.1	-
	TON-MILES OF SHIPMENTS										
	Production Area 11, total.....	.4	.7	1.8	3.0	1.5	4.3	2.1	4.1	.8	1.0
20	Food and kindred products.....	2.3	.6	3.5	3.8	5.2	1.5	.9	1.9	.2	.1
201	Meat, poultry, and small game; fresh, chilled or frozen.....	-	.9	2.0	10.7	7.8	.1	1.2	8.6	1.1	-
208	Beverages and flavoring extracts.....	2.2	1.0	18.7	4.6	10.2	1.3	.9	1.3	.4	-
2086	Bottled and canned soft drinks and car- bonated, mineral, and plain waters....	1.7	2.4	15.4	5.0	4.8	4.4	1.2	3.3	-	-
20861	Bottled and canned soft drinks and car- bonated, mineral, and plain waters....	1.7	2.4	15.4	5.0	4.8	4.4	1.2	3.3	-	-
25	Furniture and fixtures.....	.3	.8	2.0	1.2	.8	.8	1.3	4.8	.1	1.9
251	Household and office furniture.....	.4	1.2	2.1	.8	1.2	.9	.3	4.3	.1	.1
26	Pulp, paper, and allied products.....	.2	.5	1.3	2.3	1.2	1.8	1.2	5.5	1.2	1.8
265	Containers, boxes and related products, paperboard, fiberboard, and pulpboard.	.3	.1	2.0	9.8	2.9	4.0	2.6	1.0	.2	1.5
28	Chemicals and allied products.....	.5	.4	2.0	1.6	1.2	1.0	1.3	3.6	.3	.8
281	Industrial chemicals.....	.4	.5	2.3	2.0	1.3	.6	1.3	2.1	-	.7
282	Plastic materials and plasticizers, synthetic resins, rubbers, and fibers.	.3	-	1.0	.7	.5	1.0	.8	11.6	1.1	.7
2821	Plastic materials and plasticizers, synthetic resins, rubbers, and fibers.	.3	-	1.0	.7	.5	1.0	.8	11.6	1.1	.7
28211	Plastic materials and plasticizers, synthetic resins, and nonvulcanizable elastomers.....	-	-	1.8	1.0	.1	2.0	.7	10.0	.3	.7
28212	Synthetic rubber.....	.8	-	1.0	.5	.3	.2	1.1	6.5	1.3	1.2
284	Soap and detergents, cleaning prepara- tions, perfumes, cosmetics, and other toilet preparations.....	.3	.3	5.4	2.0	1.1	2.8	2.5	1.4	.8	.5
2842	Specialty cleaning, polishing, and sanitation preparations (except soap and detergents).....	-	-	2.1	5.5	1.2	2.3	1.3	2.4	.7	-

See footnotes at end of table.

TABLE 4. Percent Distribution of Commodities, by Production Area of Destination: 1967--Continued

TCC code	Commodity	Percent distribution by production area ¹ of destination--Continued									Sampling vari- ability code ³
		18 (STLO)	19 (ATLA)	20 (DALL)	21 (HOUS)	22 (DENV)	23 (SETL)	24 (SANF)	25 (LOSA)	All other	
	TONS OF SHIPMENTS--Continued										
36	Electrical machinery and equipment.....	4.4	2.0	1.5	0.5	0.2	1.8	4.2	1.7	41.0	b
362	Electrical industrial apparatus.....	10.2	.9	.6	.9	.1	4.3	.3	.5	48.7	c
3621	Motors and generators.....	13.0	1.1	.5	.5	.1	5.3	.2	.6	45.6	c
36211	Motors.....	.8	.1	1.1	-	.3	.6	.5	.7	67.1	d
363	Household appliances.....	2.8	9.8	7.4	-	.5	.6	.5	-	25.3	c
364	Electric lighting and wiring equipment.	.8	1.5	1.0	.2	.1	.3	12.0	4.1	33.3	c
3642	Lighting fixtures.....	.9	2.0	.8	.3	.1	.7	.2	6.7	53.3	d
37	Transportation equipment.....	1.5	1.5	1.6	.1	.1	.2	1.0	2.2	40.4	a
371	Motor vehicles and motor vehicle equipment.....	1.5	1.7	1.9	.1	.1	.1	1.2	2.5	38.3	a
3714	Motor vehicle parts and accessories....	2.4	2.3	2.6	-	-	-	1.3	1.9	36.6	a
34144	Internal combustion engines and parts (motor vehicle only).....	1.0	.7	-	-	-	-	.5	-	28.5	a
37145	Motor vehicle brakes and parts.....	9.2	.1	-	-	.4	-	22.1	3.2	45.8	d
374	Railroad equipment.....	1.7	.2	-	-	-	.8	-	-	60.6	d
	TON-MILES OF SHIPMENTS										
	Production Area 11, total.....	2.2	.8	1.9	3.3	.5	1.3	3.4	6.5	47.9	-
20	Food and kindred products.....	.8	.3	.3	1.1	.1	.3	-	10.7	45.1	-
201	Meat, poultry, and small game; fresh, chilled or frozen.....	-	-	-	-	-	-	-	-	21.8	-
208	Beverages and flavoring extracts.....	1.0	.7	.2	3.0	.2	-	-	1.1	51.5	-
2086	Bottled and canned soft drinks and car- bonated, mineral, and plain waters....	2.1	-	-	-	-	-	-	-	55.6	-
20861	Bottled and canned soft drinks and car- bonated, mineral, and plain waters....	2.1	-	-	-	-	-	-	-	55.6	-
25	Furniture and fixtures.....	1.7	.4	17.6	.5	3.6	.4	5.0	.8	45.2	-
251	Household and office furniture.....	1.6	.6	23.8	.7	5.2	.1	.6	.3	43.0	-
26	Pulp, paper, and allied products.....	3.0	4.8	1.6	2.0	-	.3	.6	16.0	39.8	-
265	Containers, boxes and related products, paperboard, fiberboard, and pulpboard.	5.2	-	.6	-	-	.1	2.1	2.7	62.8	-
28	Chemicals and allied products.....	1.2	.7	.7	.7	.5	.1	2.7	5.7	56.8	-
281	Industrial chemicals.....	.8	.6	-	.1	.1	-	.3	3.6	65.2	-
282	Plastic materials and plasticizers, synthetic resins, rubbers, and fibers.	.3	.3	2.2	.3	2.3	-	4.5	12.6	40.5	-
2821	Plastic materials and plasticizers, synthetic resins, rubbers, and fibers.	.3	.3	2.2	.3	2.3	-	4.5	12.6	40.5	-
28211	Plastic materials and plasticizers, synthetic resins, and nonvulcanizable elastomers.....	.1	-	4.2	.1	-	-	.2	6.5	43.7	-
28212	Synthetic rubber.....	.4	.9	-	.7	7.3	-	-	.8	54.0	-
284	Soap and detergents, cleaning prepara- tions, perfumes, cosmetics, and other toilet preparations.....	1.4	.2	2.1	-	2.5	.6	1.6	1.9	57.9	-
2842	Specialty cleaning, polishing, and sanitation preparations (except soap and detergents).....	.9	1.0	1.8	-	.7	-	1.5	-	72.2	-

See footnotes at end of table.

TABLE 4. Percent Distribution of Commodities, by Production Area of Destination: 1967 --Continued

TCC code	Commodity	Number	Percent distribution by production area ¹ of destination							
			Total	1 (BOST)	2 (HART)	3 (NYNY)	4 (N. NJ)	5 (PHIL)	6 (BALT)	7 (ALLN)
	TON-MILES OF SHIPMENTS--Continued	(millions of ton-miles)								
285	Paints, varnishes, lacquers, enamels, and allied products.....	96	100.0	1.8	0.7	0.7	2.0	1.4	1.1	-
2851	Paints, varnishes, lacquers, enamels, and allied products.....	96	100.0	1.8	.7	.7	2.0	1.4	1.1	-
28511	Paints, varnishes, lacquers, enamels, and shellacs.....	46	100.0	.6	.9	.4	.4	1.6	.5	-
289	Miscellaneous chemical products.....	57	100.0	.3	1.4	1.2	.7	2.2	.1	0.2
2899	Chemical products, n.e.c.....	45	100.0	.3	1.6	.6	.8	2.6	-	.2
28998	Packaged chemical compounds.....	44	100.0	-	1.6	.6	.9	1.0	-	.2
29	Petroleum and coal products.....	151	100.0	-	-	1.7	12.9	1.1	1.2	.1
291	Products of petroleum refining.....	109	100.0	-	-	1.1	16.0	.9	1.5	-
2911	Products of petroleum refining (except liquefied petroleum gases and petroleum coke and breeze).....	105	100.0	-	-	1.2	16.7	.9	1.5	-
29114	Lubricating oils and similar light oils and derivatives.....	40	100.0	-	.1	3.1	7.8	2.3	4.1	-
295	Paving and roofing materials.....	28	100.0	.1	.1	-	4.4	1.8	.4	.4
2952	Asphalt felt and coatings.....	27	100.0	.1	.1	-	4.6	1.9	.4	.4
29522	Asphalt and tar coatings, cements, and pitches.....	17	100.0	-	.2	-	7.3	3.0	.6	.7
30	Rubber and miscellaneous plastics products.....	360	100.0	.8	.4	2.1	2.7	2.8	.3	-
301	Tires and inner tubes.....	233	100.0	.7	.4	2.2	2.2	1.4	-	-
3011	Tires and inner tubes.....	233	100.0	.7	.4	2.2	2.2	1.4	-	-
30111	Pneumatic tires.....	195	100.0	.5	.4	2.7	2.5	1.4	-	-
30115	Tread rubber, tire sundries, and repair materials.....	14	100.0	-	.8	.3	-	.1	.1	-
306	Miscellaneous fabricated rubber products.....	77	100.0	1.1	.4	2.1	4.0	2.8	1.2	.1
3061	Miscellaneous fabricated rubber products.....	77	100.0	1.1	.4	2.1	4.0	2.8	1.2	.1
30612	Rubber hose and tubing.....	5	100.0	.4	.1	1.0	3.7	1.6	4.7	.3
30619	Fabricated rubber products, n.e.c.....	57	100.0	1.2	.4	2.4	4.3	3.4	1.1	.1
307	Miscellaneous plastic products.....	37	100.0	1.0	1.0	2.3	.8	12.6	.3	-
3071	Miscellaneous plastic products.....	37	100.0	1.0	1.0	2.3	.8	12.6	.3	-
30713	Moulded plastic products.....	9	100.0	3.6	.2	.1	2.0	10.4	-	-
30714	Unsupported vinyl and polyethylene film and sheeting.....	14	100.0	.3	2.1	4.0	.7	5.7	-	-
325	Structural clay products.....	191	100.0	2.0	5.7	7.9	1.2	2.5	1.4	.5
33	Primary metal products.....	3,660	100.0	1.6	1.1	2.3	1.7	2.2	.6	1.2
331	Steel works and rolling mill products..	2,964	100.0	1.3	.9	2.2	1.5	2.3	.6	1.4
3312	Primary iron and steel products, except coke-oven products.....	2,799	100.0	1.4	1.0	2.3	1.5	2.3	.6	.2
33122	Plates, iron and steel.....	36	100.0	-	-	-	-	-	-	-
33123	Sheet and strip, iron and steel (except tin mill products).....	775	100.0	1.2	.9	1.0	2.0	2.4	1.2	.5
33124	Bars, bar shapes, and rods.....	610	100.0	3.4	2.7	5.4	2.8	5.4	.3	.3
33126	Steel pipe, tubes, and fittings.....	1,216	100.0	.7	.3	1.8	.7	.9	.6	-
332	Iron and steel castings.....	174	100.0	.8	2.4	.8	.5	3.5	.3	.4
3321	Iron and steel castings.....	174	100.0	.8	2.4	.8	.5	3.5	.3	.4
33219	Iron and steel castings, n.e.c.....	160	100.0	.9	2.6	.4	.6	2.8	.3	.4

See footnotes at end of table.

TABLE 4. Percent Distribution of Commodities, by Production Area of Destination: 1967--Continued

TCC code	Commodity	Percent distribution by production area ¹ of destination--Continued									
		8 (HARR)	9 (SYRA)	10 (BUFF)	11 ² (CLEV)	12 (PITT)	13 (DETR)	14 (CINC)	15 (CHIC)	16 (MILW)	17 (M-SP)
	TON-MILES OF SHIPMENTS--Continued										
285	Paints, varnishes, lacquers, enamels, and allied products.....	2.3	0.8	3.2	1.4	1.2	4.2	3.3	4.4	1.6	1.9
2851	Paints, varnishes, lacquers, enamels, and allied products.....	2.3	.8	3.2	1.4	1.2	4.2	3.3	4.4	1.6	1.9
28511	Paints, varnishes, lacquers, enamels, and shellacs.....	1.2	1.6	5.9	2.3	.8	8.0	1.8	5.4	.5	.2
289	Miscellaneous chemical products.....	.1	.1	.6	.5	2.4	.9	1.2	3.9	.3	.6
2899	Chemical products, n.e.c.....	-	-	.6	.5	1.3	1.0	1.2	4.2	.4	.7
28998	Packaged chemical compounds.....	-	-	.6	.5	1.4	1.1	1.2	4.4	.4	.7
29	Petroleum and coal products.....	-	3.8	3.7	13.5	3.9	7.6	5.7	3.8	.1	.4
291	Products of petroleum refining.....	-	4.9	1.2	17.1	3.	8.6	6.4	2.4	.1	.1
2911	Products of petroleum refining (except liquefied petroleum gases and petroleum coke and breeze).....	-	5.1	1.3	17.2	3.2	9.0	3.9	2.5	.1	.1
29114	Lubricating oils and similar light oils and derivatives.....	-	.1	.9	2.0	.2	16.8	9.9	2.7	-	.3
295	Paving and roofing materials.....	.1	1.2	9.4	6.1	7.6	6.2	5.4	5.4	.1	.2
2952	Asphalt felt and coatings.....	.1	1.3	9.8	6.1	7.4	6.5	5.6	5.3	.1	.2
29522	Asphalt and tar coatings, cements, and pitches.....	.2	2.0	9.8	1.9	4.4	4.2	3.0	8.2	.1	.3
30	Rubber and miscellaneous plastics products.....	.9	.4	.6	.6	.5	3.9	1.1	2.8	1.4	1.2
301	Tires and inner tubes.....	.1	.4	.1	.4	.4	2.4	.9	2.8	1.1	.5
3011	Tires and inner tubes.....	.1	.4	.1	.4	.4	2.4	.9	2.8	1.1	.5
30111	Pneumatic tires.....	.1	.1	.1	.4	.2	2.9	.8	3.0	1.2	.1
30115	Tread rubber, tire sundries, and repair materials.....	-	5.3	.9	.7	3.7	.1	1.2	.3	.3	5.0
306	Miscellaneous fabricated rubber products.....	.1	.1	1.8	1.3	.7	7.6	2.2	2.9	1.2	3.4
3061	Miscellaneous fabricated rubber products.....	.1	.1	1.8	1.3	.7	7.6	2.2	2.9	1.2	3.4
30612	Rubber hose and tubing.....	-	.1	.1	.7	.4	4.4	19.0	4.2	5.2	.1
30619	Fabricated rubber products, n.e.c.....	-	.1	2.3	1.6	.8	8.1	1.1	2.6	.9	3.9
307	Miscellaneous plastic products.....	3.3	1.7	1.6	.5	1.1	2.0	.5	3.7	4.3	2.0
3071	Miscellaneous plastic products.....	3.3	1.7	1.6	.5	1.1	2.0	.5	3.7	4.3	2.0
30713	Moulded plastic products.....	12.9	3.6	1.1	1.2	1.7	1.0	.6	3.7	.2	1.0
30714	Unsupported vinyl and polyethylene film and sheeting.....	-	-	.1	.2	-	3.0	.2	1.2	10.5	2.7
325	Structural clay products.....	-	1.9	6.1	3.5	2.5	13.0	1.2	8.2	.4	1.2
33	Primary metal products.....	.5	.7	1.7	2.8	1.7	5.7	3.2	5.5	1.2	.6
331	Steel works and rolling mill products..	.4	.8	1.7	3.2	1.9	5.4	3.3	5.9	1.3	.5
3312	Primary iron and steel products, except coke-oven products.....	.4	.7	1.7	3.2	1.8	5.6	3.4	6.1	1.4	.5
33122	Plates, iron and steel.....	-	-	19.9	6.7	.2	6.2	-	12.9	-	-
33123	Sheet and strip, iron and steel (except tin mill products).....	-	2.4	2.7	4.0	.8	12.7	7.1	5.7	1.8	-
33124	Bars, bar shapes, and rods.....	1.1	.1	1.9	2.1	1.7	7.9	3.2	8.8	.5	.8
33126	Steel pipe, tubes, and fittings.....	.4	-	.6	.5	2.0	.4	.2	4.4	.9	.7
332	Iron and steel castings.....	.5	.8	2.9	2.1	1.7	6.9	2.1	10.0	.4	-
3321	Iron and steel castings.....	.5	.8	2.9	2.1	1.7	6.9	2.1	10.0	.4	-
33219	Iron and steel castings, n.e.c.....	.5	.8	3.1	2.2	1.8	7.5	2.2	10.9	.4	-

See footnotes at end of table.

TABLE 4. Percent Distribution of Commodities, by Production Area of Destination: 1967--Continued

TCC code	Commodity	Percent distribution by production area ¹ of destination--Continued									Sampling variability code
		18 (STLO)	19 (ATLA)	20 (DALL)	21 (HOUS)	22 (DENV)	23 (SETL)	24 (SANF)	25 (LOSA)	All other	
	TON-MILES OF SHIPMENTS--Continued										
285	Paints, varnishes, lacquers, enamels, and allied products.....	6.2	2.7	3.8	6.4	-	1.2	2.0	5.1	40.6	-
2851	Paints, varnishes, lacquers, enamels, and allied products.....	6.2	2.7	3.8	6.4	-	1.2	2.0	5.1	40.6	-
28511	Paints, varnishes, lacquers, enamels, and shellacs.....	12.9	5.7	6.6	.7	-	.9	1.5	.6	39.0	-
289	Miscellaneous chemical products.....	.1	-	1.2	1.1	0.9	.1	3.3	4.9	71.7	-
2899	Chemical products, n.e.c.....	-	-	1.2	1.3	-	.2	2.9	5.6	72.8	-
28998	Packaged chemical compounds.....	-	-	1.3	1.0	-	.2	3.0	5.4	74.5	-
29	Petroleum and coal products.....	.2	-	.1	1.0	-	-	.6	1.4	37.2	-
291	Products of petroleum refining.....	-	-	-	1.1	-	-	-	.2	35.3	-
2911	Products of petroleum refining (except liquefied petroleum gases and petroleum coke and breeze).....	-	-	-	1.2	-	-	-	.2	35.9	-
29114	Lubricating oils and similar light oils and derivatives.....	-	.1	-	3.1	-	.1	-	.2	46.2	-
295	Paving and roofing materials.....	.1	-	.4	.1	-	-	3.2	3.3	44.0	-
2952	Asphalt felt and coatings.....	.1	-	.4	.1	-	-	3.4	3.4	42.7	-
29522	Asphalt and tar coatings, cements, and pitches.....	.2	.1	.7	.2	-	-	5.3	5.3	42.3	-
30	Rubber and miscellaneous plastics products.....	1.5	.4	2.0	2.5	.2	4.8	1.6	8.0	56.5	-
301	Tires and inner tubes.....	1.8	.1	2.5	3.3	.1	5.8	.7	10.3	59.4	-
3011	Tires and inner tubes.....	1.8	.1	2.5	3.3	.1	5.8	.7	10.3	59.4	-
30111	Pneumatic tires.....	1.3	.1	3.0	3.2	.1	6.9	.3	12.2	56.5	-
30115	Tread rubber, tire sundries, and repair materials.....	12.4	.2	-	-	-	-	7.2	-	61.4	-
306	Miscellaneous fabricated rubber products.....	1.3	1.1	1.8	.4	.1	1.0	4.9	5.1	51.3	-
3061	Miscellaneous fabricated rubber products.....	1.3	1.1	1.8	.4	.1	1.0	4.9	5.1	51.3	-
30612	Rubber hose and tubing.....	1.9	2.3	4.6	-	-	1.2	.1	2.0	41.9	-
30619	Fabricated rubber products, n.e.c.....	1.5	.8	1.5	.5	.1	.5	5.7	6.6	48.5	-
307	Miscellaneous plastic products.....	.8	1.5	.1	2.1	1.4	8.6	1.1	2.5	43.2	-
3071	Miscellaneous plastic products.....	.8	1.5	.1	2.1	1.4	8.6	1.1	2.5	43.2	-
30713	Moulded plastic products.....	-	-	.2	5.4	.5	-	2.8	8.5	39.3	-
30714	Unsupported vinyl and polyethylene film and sheeting.....	.4	3.7	-	1.9	-	21.9	.1	.3	41.0	-
325	Structural clay products.....	1.8	.1	.9	3.6	1.3	-	-	6.0	27.1	-
33	Primary metal products.....	2.1	.3	.9	6.7	.6	1.7	2.7	4.8	45.9	-
331	Steel works and rolling mill products..	2.3	.3	.5	8.0	.3	1.4	2.5	4.5	45.6	-
3312	Primary iron and steel products, except coke-oven products.....	2.5	.4	.5	8.5	.3	1.5	2.1	4.7	45.4	-
33122	Plates, iron and steel.....	1.3	-	-	-	-	-	-	-	52.8	-
33123	Sheet and strip, iron and steel (except tin mill products).....	1.1	-	-	.2	-	-	3.3	1.2	47.8	-
33124	Bars, bar shapes, and rods.....	5.4	-	.4	5.4	-	.2	-	6.2	34.0	-
33126	Steel pipe, tubes, and fittings.....	2.0	.8	.9	16.7	.6	3.3	2.8	7.0	50.8	-
332	Iron and steel castings.....	1.8	.6	.6	1.3	.8	3.8	4.1	2.0	48.9	-
3321	Iron and steel castings.....	1.8	.6	.6	1.3	.8	3.8	4.1	2.0	48.9	-
33219	Iron and steel castings, n.e.c.....	1.6	-	-	1.5	.1	.3	4.5	2.1	51.5	-

See footnotes at end of table.

TABLE 4. Percent Distribution of Commodities, by Production Area of Destination: 1967 --Continued

TCC code	Commodity	Number	Percent distribution by production area ¹ of destination							
			Total	1 (BOST)	2 (HART)	3 (NYNY)	4 (N. NJ)	5 (PHIL)	6 (BALT)	7 (ALLN)
	TON-MILES OF SHIPMENTS--Continued	(millions of ton-miles)								
333	Nonferrous metals primary smelter products (slab, ingot, pig, etc., and residues).....	30	100.0	8.9	0.8	0.4	6.0	-	-	0.6
3339	Miscellaneous primary nonferrous and nonferrous base alloy basic metal products (anodes, cathodes, billets, blooms, pig, slab, or ingot, etc.)....	-	-	-	-	-	-	-	-	-
335	Nonferrous metal basic shapes.....	275	100.0	3.6	1.5	4.1	3.6	2.0	0.9	-
3351	Copper, brass, bronze, and other copper base alloy basic shapes.....	45	100.0	7.0	6.1	4.4	2.5	.7	2.0	-
33513	Copper, brass, bronze, and other copper base alloy pipe and tube.....	32	100.0	5.0	1.0	2.0	3.6	.9	1.0	-
336	Nonferrous and noferrous base alloy castings.....	45	100.0	2.3	.8	6.9	.3	1.7	.2	1.7
3361	Aluminum and aluminum base alloy castings.....	30	100.0	2.6	.3	2.3	.4	.9	.1	2.4
33612	Aluminum castings (except cooking utensils).....	30	100.0	2.6	.3	2.3	.4	.9	.1	2.4
339	Miscellaneous primary metal products...	171	100.0	1.3	1.0	2.0	2.0	.5	.2	.8
3391	Iron and steel forgings.....	87	100.0	.9	.2	1.1	.2	.6	.1	1.5
33911	Iron and steel forgings.....	87	100.0	.9	.2	1.1	.2	.6	.1	1.5
34	Fabricated metal products.....	1,086	100.0	2.3	.7	1.8	2.3	4.1	.9	.4
341	Metal cans.....	31	100.0	7.8	-	.7	2.3	1.9	1.3	.2
3411	Metal cans.....	31	100.0	7.8	-	.7	2.3	1.9	1.3	.2
34111	Metal cans.....	31	100.0	7.8	-	.7	2.3	1.9	1.3	.2
343	Plumbing fixtures and heating apparatus (except electric).....	41	100.0	3.1	2.1	1.4	.2	1.9	2.2	.2
3433	Heating equipment (except electric)....	16	100.0	7.4	.3	1.0	.4	.5	5.8	.4
34339	Other heating equipment, n.e.c. (except electric).....	15	100.0	7.5	.3	1.0	.4	.6	5.9	.4
344	Structural and miscellaneous metal products.....	422	100.0	3.6	1.1	3.2	1.2	1.7	.8	.6
3443	Fabricated plate products (boiler shop products).....	214	100.0	5.5	.6	1.7	.5	2.3	.7	.9
345	Bolts, nuts, screws, rivets, washers, and other industrial fasteners.....	69	100.0	4.7	.8	1.4	3.8	5.4	.6	1.7
3452	Bolts, nuts, screws, rivets, washers, and other industrial fasteners.....	69	100.0	4.7	.8	1.4	3.8	5.4	.6	1.7
34521	Bolts, nuts, screws, rivets, and washers.....	64	100.0	5.0	.9	1.5	4.0	5.7	.6	1.8
346	Metal stampings.....	308	100.0	.1	.2	.1	3.7	9.0	.2	-
3461	Metal stampings.....	308	100.0	.1	.2	.1	3.7	9.0	.2	-
35	Machinery, except electrical.....	329	100.0	.7	1.4	5.4	2.1	2.1	1.4	1.0
353	Construction, mining, and materials handling machinery and equipment.....	174	100.0	.5	1.5	5.0	1.7	2.6	1.2	1.5
3531	Construction machinery and equipment...	101	100.0	.6	1.9	4.2	1.6	1.2	1.2	-
3536	Hoists, industrial cranes, and monorail systems.....	32	100.0	-	.6	10.6	1.3	3.9	1.5	7.3
3537	Industrial trucks, tractors, trailers, stackers, and metal skids, pallets, and platforms.....	25	100.0	.5	2.0	3.0	3.7	7.9	1.6	.9
35371	Industrial trucks, tractors, trailers, and stackers.....	19	100.0	.7	2.6	3.9	4.8	.2	2.1	1.2

See footnotes at end of table.

TABLE 4. Percent Distribution of Commodities, by Production Area of Destination: 1967--Continued

TCC code	Commodity	Percent distribution by production area ¹ of destination--Continued									
		8 (HARR)	9 (SYRA)	10 (BUFF)	11 ² (CLEV)	12 (PITT)	13 (DETR)	14 (CINC)	15 (CHIC)	16 (MILW)	17 (M-SP)
	TON-MILES OF SHIPMENTS--Continued										
333	Nonferrous metals primary smelter products (slab, ingot, pig, etc., and residues).....	0.3	0.9	5.8	1.7	2.3	6.6	8.9	1.6	2.2	1.3
3339	Miscellaneous primary nonferrous and nonferrous base alloy basic metal products (anodes, cathodes, billets, blooms, pig, slab, or ingot, etc.)....	-	-	-	-	-	-	-	-	-	-
335	Nonferrous metal basic shapes.....	1.3	.3	1.5	.6	.8	1.3	1.6	.7	.7	1.4
3351	Copper, brass, bronze, and other copper base alloy basic shapes.....	.2	1.8	6.2	.3	-	.2	2.0	.7	1.1	4.2
33513	Copper, brass, bronze, and other copper base alloy pipe and tube.....	.3	1.4	1.4	.4	-	.3	2.9	-	.1	1.1
336	Nonferrous and nonferrous base alloy castings.....	.3	1.0	5.8	1.0	.2	4.5	8.1	9.8	.8	.1
3361	Aluminum and aluminum base alloy castings.....	.4	1.2	7.5	1.0	-	6.2	12.1	4.5	1.2	-
33612	Aluminum castings (except cooking utensils).....	.4	1.2	7.5	1.0	-	6.2	12.1	4.5	1.2	-
339	Miscellaneous primary metal products...	.4	.3	.7	2.1	.3	15.4	3.5	2.5	.7	1.8
3391	Iron and steel forgings.....	-	.7	.5	2.1	-	27.8	2.7	3.6	1.2	2.0
33911	Iron and steel forgings.....	-	.7	.5	2.1	-	27.8	2.7	3.6	1.2	2.0
34	Fabricated metal products.....	.2	.9	1.2	.9	.5	4.7	1.3	2.8	.4	3.3
341	Metal cans.....	-	.1	1.5	1.4	.2	4.8	2.2	10.6	.3	6.2
3411	Metal cans.....	-	.1	1.5	1.4	.2	4.8	2.2	10.6	.3	6.2
34111	Metal cans.....	-	.1	1.5	1.4	.2	4.8	2.2	10.6	.3	6.2
343	Plumbing fixtures and heating apparatus (except electric).....	.3	.3	.7	.5	-	1.0	.9	3.0	.2	.2
3433	Heating equipment (except electric)....	.6	.2	.1	1.0	.1	.2	1.5	.4	.1	-
34339	Other heating equipment, n.e.c. (except electric).....	.7	.2	.1	1.0	.1	.2	1.5	.4	.1	-
344	Structural and miscellaneous metal products.....	.3	1.9	.6	.9	.4	.8	1.7	2.4	.1	.1
3443	Fabricated plate products (boiler shop products).....	.1	.4	.5	.7	.4	.4	.3	2.6	.2	.1
345	Bolts, nuts, screws, rivets, washers, and other industrial fasteners.....	.5	.3	1.7	.6	.6	3.5	2.2	8.4	1.2	1.2
3452	Bolts, nuts, screws, rivets, washers, and other industrial fasteners.....	.5	.3	1.7	.6	.6	3.5	2.2	8.4	1.2	1.2
34521	Bolts, nuts, screws, rivets, and washers.....	.5	.3	1.0	.6	.7	3.3	2.2	6.7	1.1	.8
346	Metal stampings.....	-	.2	.3	.5	-	13.0	.3	2.5	1.0	4.0
3461	Metal stampings.....	-	.2	.3	.5	-	13.0	.3	2.5	1.0	4.0
35	Machinery, except electrical.....	.3	.5	1.0	.6	.7	1.4	1.5	5.5	1.1	.8
353	Construction, mining, and materials handling machinery and equipment.....	.3	.6	.8	.2	.7	1.0	.8	6.5	.3	.5
3531	Construction machinery and equipment...	-	.8	1.1	.2	.3	.7	.2	1.2	.3	.5
3536	Hoists, industrial cranes, and monorail systems.....	.1	-	.1	.4	1.6	.7	3.2	27.9	.2	-
3537	Industrial trucks, tractors, trailers, stackers, and metal skids, pallets, and platforms.....	.1	.7	.3	.1	1.4	.8	.7	3.8	.5	.1
35371	Industrial trucks, tractors, trailers, and stackers.....	.1	.8	.4	.1	.3	.9	.8	5.1	.7	-

See footnotes at end of table.

TABLE 4. Percent Distribution of Commodities, by Production Area of Destination: 1967--Continued

TCC code	Commodity	Percent distribution by production area ¹ of destination--Continued									Sampling variability code ³
		18 (STLO)	19 (ATLA)	20 (DALL)	21 (HOUS)	22 (DENV)	23 (SETL)	24 (SANF)	25 (LOSA)	All other	
	TON-MILES OF SHIPMENTS--Continued										
333	Nonferrous metals primary smelter products (slab, ingot, pig, etc., and residues).....	1.3	-	-	-	-	-	0.2	0.1	50.1	-
3339	Miscellaneous primary nonferrous and nonferrous base alloy basic metal products (anodes, cathodes, billets, blooms, pig, slab, or ingot, etc.)....	-	-	-	-	-	-	-	-	-	-
335	Nonferrous metal basic shapes.....	.4	-	3.0	2.3	4.5	3.6	4.3	8.1	47.9	-
3351	Copper, brass, bronze, and other copper base alloy basic shapes.....	.5	-	3.3	.1	5.2	-	.7	14.8	36.0	-
33513	Copper, brass, bronze, and other copper base alloy pipe and tube.....	.7	0.1	4.6	.1	7.4	-	1.0	21.0	43.7	-
336	Nonferrous and nonferrous base alloy castings.....	4.2	.2	4.5	.9	-	-	4.3	1.4	39.0	-
3361	Aluminum and aluminum base alloy castings.....	6.1	-	2.8	1.3	-	-	3.8	.2	42.7	-
33612	Aluminum castings (except cooking utensils).....	6.1	-	2.8	1.3	-	-	3.8	.2	42.7	-
339	Miscellaneous primary metal products...	.7	.1	4.4	-	.2	1.4	.7	9.4	47.6	-
3391	Iron and steel forgings.....	-	-	3.5	-	-	1.4	-	2.2	47.7	-
33911	Iron and steel forgings.....	-	-	3.5	-	-	1.4	-	2.2	47.7	-
34	Fabricated metal products.....	5.0	1.2	1.3	1.2	.4	.2	5.0	8.1	48.9	-
341	Metal cans.....	1.7	2.6	9.3	-	-	-	1.1	6.6	37.2	-
3411	Metal cans.....	1.7	2.6	9.3	-	-	-	1.1	6.6	37.2	-
34111	Metal cans.....	1.7	2.6	9.3	-	-	-	1.1	6.6	37.2	-
343	Plumbing fixtures and heating apparatus (except electric).....	4.4	.4	5.9	.3	.3	.2	.6	47.7	22.0	-
3433	Heating equipment (except electric)....	10.3	1.0	-	.4	.6	.3	1.5	34.8	31.1	-
34339	Other heating equipment, n.e.c. (except electric).....	10.5	1.0	-	.2	.6	.3	.1	35.3	31.6	-
344	Structural and miscellaneous metal products.....	.9	1.1	.5	2.0	.3	.2	1.8	5.5	66.3	-
3443	Fabricated plate products (boiler shop products).....	.5	-	1.0	3.6	.4	-	3.2	10.3	63.1	-
345	Bolts, nuts, screws, rivets, washers, and other industrial fasteners.....	1.3	2.3	1.4	.1	4.4	.2	1.3	2.5	47.9	-
3452	Bolts, nuts, screws, rivets, washers, and other industrial fasteners.....	1.3	2.3	1.4	.1	4.4	.2	1.3	2.5	47.9	-
34521	Bolts, nuts, screws, rivets, and washers.....	1.4	2.2	1.5	.2	4.7	.2	1.4	2.5	49.2	-
346	Metal stampings.....	14.4	1.1	1.0	.1	.1	-	10.1	10.8	27.3	-
3461	Metal stampings.....	14.4	1.1	1.0	.1	.1	-	10.1	10.8	27.3	-
35	Machinery, except electrical.....	1.6	.5	3.2	2.0	.2	2.0	5.0	9.3	48.7	-
353	Construction, mining, and materials handling machinery and equipment.....	.8	.8	1.9	1.6	.3	3.1	7.8	12.7	45.3	-
3531	Construction machinery and equipment...	.9	.9	1.8	1.6	.3	2.8	12.4	10.6	52.7	-
3536	Hoists, industrial cranes, and monorail systems.....	.9	-	.9	.4	-	5.5	-	17.2	15.7	-
3537	Industrial trucks, tractors, trailers, stackers, and metal skids, pallets, and platforms.....	.1	2.2	4.6	3.4	.5	3.5	4.3	14.9	38.4	-
35371	Industrial trucks, tractors, trailers, and stackers.....	.2	2.8	6.2	4.5	.7	4.7	5.7	1.2	49.3	-

See footnotes at end of table.

TABLE 4. Percent Distribution of Commodities, by Production Area of Destination: 1967 --Continued

TCC code	Commodity	Number	Percent distribution by production area ¹ of destination							
			Total	1 (BOST)	2 (HART)	3 (NYNY)	4 (N. NJ)	5 (PHIL)	6 (BALT)	7 (ALLN)
	TON-MILES OF SHIPMENTS--Continued	(millions of ton-miles)								
354	Metalworking machinery and equipment...	61	100.0	1.0	0.4	7.0	1.3	2.5	-	1.2
3542	Machine tools, metal forming types.....	7	100.0	-	-	.7	5.1	1.7	-	-
35421	Machine tools, metal forming types.....	7	100.0	-	-	.7	5.1	1.7	-	-
3544	Special dies and tools, die sets, jigs, fixtures, and industrial molds and patterns.....	3	100.0	.2	.5	.7	.1	6.6	0.2	.1
35441	Special dies and tools, die sets, jigs, and fixtures.....	3	100.0	.2	.5	.7	.1	6.6	.2	.1
3548	Metal working machinery (except machine tools).....	17	100.0	-	.1	10.6	.1	5.7	-	3.9
355	Special industry machinery (except metalworking machinery).....	26	100.0	3.3	4.6	1.5	1.4	.4	-	-
356	General industrial machinery and equipment.....	33	100.0	.2	1.7	3.2	1.1	.5	7.2	-
3561	Pumps, air and gas compressors, and measuring and dispensing pumps, also pumping equipment.....	5	100.0	1.0	.1	6.2	.5	.1	-	-
35611	Industrial pumps, including hydraulic fluid power pumps and motors.....	4	100.0	1.4	.1	8.5	.7	.1	.1	-
359	Miscellaneous machinery and parts (except electrical).....	5	100.0	-	.6	1.8	.5	1.3	.3	.1
3599	Miscellaneous machinery and parts (except electrical).....	5	100.0	-	.6	1.8	.5	1.3	.3	.1
35999	Machinery and parts, n.e.c. (except electrical).....	5	100.0	-	.5	1.8	.5	1.3	.3	.1
36	Electrical machinery and equipment.....	282	100.0	2.1	.3	2.0	1.2	1.1	.2	.1
362	Electrical industrial apparatus.....	88	100.0	.5	.1	1.6	1.2	.9	.2	-
3621	Motors and generators.....	70	100.0	.6	.1	1.2	1.4	.7	.1	-
36211	Motors.....	22	100.0	1.6	.3	1.9	3.2	1.2	.3	-
363	Household appliances.....	36	100.0	11.6	-	5.0	1.8	4.1	-	-
364	Electric lighting and wiring equipment.....	113	100.0	1.1	.4	1.1	.8	.4	.2	.1
3642	Lighting fixtures.....	54	100.0	2.1	.6	2.1	1.6	.8	.1	.3
37	Transportation equipment.....	843	100.0	1.1	1.5	3.7	1.7	1.2	2.0	.1
371	Motor vehicles and motor vehicle equipment.....	741	100.0	1.0	.6	2.3	1.9	1.3	2.3	.1
3714	Motor vehicle parts and accessories.....	444	100.0	.3	.1	2.5	1.5	.9	3.3	.1
37144	Internal combustion engines and parts (motor vehicle only).....	51	100.0	-	.9	-	.8	1.2	-	-
37145	Motor vehicle brakes and parts.....	27	100.0	-	-	.8	-	.5	-	1.5
374	Railroad equipment.....	65	100.0	-	-	20.4	-	-	-	-

See footnotes at end of table.

TABLE 4. Percent Distribution of Commodities, by Production Area of Destination: 1967--Continued

TCC code	Commodity	Percent distribution by production area ¹ of destination--Continued									
		8 (HARR)	9 (SYRA)	10 (BUFF)	11 ² (CLEV)	12 (PITT)	13 (DETR)	14 (CINC)	15 (CHIC)	16 (MILW)	17 (M-SP)
	TON-MILES OF SHIPMENTS--Continued										
354	Metalworking machinery and equipment...	0.9	0.6	1.1	1.4	1.1	3.3	3.8	4.8	0.6	0.3
3542	Machine tools, metal forming types.....	-	.1	1.9	1.1	.4	9.0	2.2	4.9	2.1	-
35421	Machine tools, metal forming types.....	-	.1	1.9	1.1	.4	9.0	2.2	4.9	2.1	-
3544	Special dies and tools, die sets, jigs, fixtures, and industrial molds and patterns.....	-	11.1	2.1	.9	.4	.8	1.8	8.2	.6	2.5
35441	Special dies and tools, die sets, jigs, and fixtures.....	-	11.1	2.1	.9	.4	.8	1.8	8.2	.6	2.5
3548	Metalworking machinery (except machine tools).....	3.0	.1	2.2	3.3	3.6	5.5	11.3	11.0	1.1	-
355	Special industry machinery (except metalworking machinery).....	.2	-	1.0	.2	.5	1.2	1.5	8.0	1.2	2.0
356	General industrial machinery and equipment.....	-	.5	1.3	1.2	.6	1.2	1.5	2.2	.9	.2
3561	Pumps, air and gas compressors, and measuring and dispensing pumps, also pumping equipment.....	-	.1	.7	.3	-	2.0	-	7.8	-	.5
35611	Industrial pumps, including hydraulic fluid power pumps and motors.....	-	.2	1.0	.4	-	2.7	-	10.8	-	.6
359	Miscellaneous machinery and parts (except electrical).....	-	-	1.7	1.4	2.2	1.6	.5	5.8	-	1.2
3599	Miscellaneous machinery and parts (except electrical).....	-	-	1.7	1.4	2.2	1.6	.5	5.8	-	1.2
35999	Machinery and parts, n.e.c. (except electrical).....	-	-	1.7	1.4	2.2	1.6	.5	5.8	-	1.2
36	Electrical machinery and equipment.....	.1	2.0	.5	.6	.7	.7	1.1	2.4	1.4	2.1
362	Electrical industrial apparatus.....	.2	5.6	.3	.6	.7	.5	1.0	1.6	.9	2.3
3621	Motors and generators.....	.2	7.0	.3	.3	.8	.5	1.1	1.0	1.0	2.8
36211	Motors.....	.2	.3	.8	1.0	.3	.5	3.0	.9	3.1	3.5
363	Household appliances.....	-	1.0	.1	.1	.2	1.4	2.6	.1	.2	.2
364	Electric lighting and wiring equipment.	.1	-	.2	.9	.1	.7	.9	2.7	.2	1.2
3642	Lighting fixtures.....	.1	.1	.2	.2	.2	.8	1.1	3.4	.4	2.1
37	Transportation equipment.....	.1	.3	2.4	.7	.3	6.9	1.6	2.1	.6	.5
371	Motor vehicles and motor vehicle equipment.....	.1	.3	2.7	.3	.3	7.9	1.4	1.9	.5	.6
3714	Motor vehicle parts and accessories....	-	-	2.5	-	.1	9.6	1.7	1.8	.3	.5
37144	Internal combustion engines and parts (motor vehicle only).....	-	.1	1.5	.1	.1	25.6	.1	.7	1.7	4.5
37145	Motor vehicle brakes and parts.....	-	-	.1	.1	-	.8	-	.2	.1	-
374	Railroad equipment.....	-	-	-	4.5	.2	.2	-	3.6	.1	-

See footnotes at end of table.

TABLE 4. Percent Distribution of Commodities, by Production Area of Destination: 1967--Continued

TCC code	Commodity	Percent distribution by production area ¹ of destination--Continued									Sampling variability code ³
		18 (STLO)	19 (ATLA)	20 (DALL)	21 (HOUS)	22 (DENV)	23 (SETL)	24 (SANF)	25 (LOSA)	All other	
	TON-MILES OF SHIPMENTS--Continued										
354	Metalworking machinery and equipment...	3.1	0.2	10.6	3.0	0.1	0.4	1.1	8.7	41.5	-
3542	Machine tools, metal forming types.....	11.8	-	-	-	-	-	5.4	14.0	39.6	-
35421	Machine tools, metal forming types.....	11.8	-	-	-	-	-	5.4	14.0	39.6	-
3544	Special dies and tools, die sets, jigs, fixtures, and industrial molds and patterns.....	-	-	1.8	1.4	1.5	-	.7	4.3	53.5	-
35441	Special dies and tools, die sets, jigs, and fixtures.....	-	-	1.8	1.4	1.5	-	.7	4.3	53.5	-
3548	Metalworking machinery (except machine tools).....	1.5	-	-	-	-	-	-	19.3	17.7	-
355	Special industry machinery (except metalworking machinery).....	6.0	-	-	3.5	-	-	8.5	5.4	49.6	-
356	General industrial machinery and equipment.....	1.5	.2	1.5	2.4	.1	.2	.2	2.2	68.2	-
3561	Pumps, air and gas compressors, and measuring and dispensing pumps, also pumping equipment.....	.1	-	.1	.4	.5	.9	.2	9.2	69.3	-
35611	Industrial pumps, including hydraulic fluid power pumps and motors.....	.1	-	.1	.6	.8	1.2	.2	12.8	57.6	-
359	Miscellaneous machinery and parts (except electrical).....	.3	-	1.2	5.0	1.5	1.4	1.3	1.0	69.3	-
3599	Miscellaneous machinery and parts (except electrical).....	.3	-	1.2	5.0	1.5	1.4	1.3	1.0	69.3	-
35999	Machinery and parts, n.e.c. (except electrical).....	.3	-	1.2	5.1	1.6	1.5	1.3	1.0	69.1	-
36	Electrical machinery and equipment.....	4.6	2.0	2.8	.9	.4	7.0	16.6	6.3	40.8	-
362	Electrical industrial apparatus.....	12.5	1.1	1.3	2.1	.3	18.8	1.5	2.3	41.9	-
3621	Motors and generators.....	15.5	1.4	1.2	1.2	.3	22.9	1.1	2.5	34.8	-
36211	Motors.....	1.2	.2	3.3	-	.9	3.4	3.3	3.9	61.7	-
363	Household appliances.....	2.2	8.3	12.4	-	1.0	1.9	1.7	-	44.1	-
364	Electric lighting and wiring equipment.	.6	1.2	1.5	.3	.1	1.0	38.4	12.6	33.2	-
3642	Lighting fixtures.....	.7	1.6	1.3	.6	.2	2.2	.8	20.9	55.5	-
37	Transportation equipment.....	2.0	2.2	4.5	.4	.2	.9	6.1	12.3	44.6	-
371	Motor vehicles and motor vehicle equipment.....	1.9	2.4	5.1	.4	.2	.3	6.9	13.7	43.6	-
3714	Motor vehicle parts and accessories....	3.2	3.6	7.3	-	.1	-	7.7	10.5	42.4	-
37144	Internal combustion engines and parts (motor vehicle only).....	2.1	1.8	-	-	-	-	4.5	-	54.3	-
37145	Motor vehicle brakes and parts.....	4.7	-	-	-	.6	-	49.3	6.7	34.6	-
374	Railroad equipment.....	3.5	.5	-	-	-	6.5	-	-	60.5	-

¹Designations below the area numbers are used to help identify the area. Descriptions of production areas appear on page 4.

²Includes only those shipments that originated in one city in this area and terminated in another city in this area. Does not include shipments originating and terminating in the same city.

³Code letter indicates a sampling variability range as follows: a, 0-9 percent; b, 10-19 percent; c, 20-29 percent; and d, 30-50 percent. The variability for ton-miles has not been estimated.

PRODUCTION AREA 12

Consists of three Standard Metropolitan Statistical Areas: Pittsburgh, Pa.; Steubenville-Weirton, Ohio-W. Va.; and Wheeling, W. Va.-Ohio.

SUMMARY

The estimates of tons and ton-miles are based on reports from a sample of shipments by approximately 239 manufacturing establishments located in this Production Area. The total tons and ton-miles represent the total inter-city shipments by essentially all manufacturing establishments in the area, except for plants with less than 20 employees. However, since the data are based on a sample, the estimates necessarily are subject to "sampling variability."

The approximate degree of sampling variability for tons for each commodity or commodity class is indicated in the last column of tables 1 to 4. In general, most of the commodity data in this report are subject to substantial sampling variability and should be treated as approximate rather than precise measures.

About 37.5 million tons of commodities were shipped by plants in this area to destinations beyond the local area. These shipments generated 13.0 billion ton-miles by all means of transport combined, and averaged about 347 straight-line miles per ton shipped.

Rail is the dominant means of transport, hauling almost 42 percent of the total tons shipped. When measured in terms of ton-miles rather than tons, rail is still dominant, accounting for slightly over 45 percent of the total ton-miles.

Comparisons between 1967 and 1963 data are presented in tables A through D. The 1967 survey is comparable with 1963, except for the exclusion from the survey, in 1967, of plants with less than 20 employees. Nationally, those plants accounted for only 4 percent of the total tons originated in the 1963 survey.

Table A. PERCENT DISTRIBUTION OF SHIPMENTS
BY MEANS OF TRANSPORT

Means of transport	All commodities	
	1967	1963
Tons of shipments.....millions..	37.5	33.5
Ton-miles.....billions..	13.0	10.4
TONS OF SHIPMENTS		
Percent distribution		
All means of transport.....	100.0	100.0
Rail.....	41.8	51.5
Motor carrier.....	34.5	33.2
Private truck.....	5.6	4.8
Air.....	-	-
Water.....	17.8	9.8
Other.....	.3	.7
TON-MILES		
All means of transport.....	100.0	100.0
Rail.....	45.2	55.6
Motor carrier.....	24.0	23.8
Private truck.....	2.5	2.1
Air.....	-	.1
Water.....	28.0	17.5
Other.....	.3	.9

Note: Ton-miles are the product of weight times distance on a straight-line distance basis.

Table C. PERCENT DISTRIBUTION OF SHIPMENTS
BY DISTANCE OF SHIPMENT

Distance shipped	All commodities	
	1967	1963
TONS OF SHIPMENTS		
All distances.....	100.0	100.0
Under 100 miles.....	22.5	26.8
100 to 199 miles.....	18.1	22.3
200 to 299 miles.....	20.5	18.6
300 to 499 miles.....	22.2	18.6
500 to 999 miles.....	8.7	7.3
1,000 to 1,499 miles.....	5.6	3.6
1,500 miles and over.....	2.4	2.8

Table B. AVERAGE LENGTH OF HAUL
BY MEANS OF TRANSPORT
(Straight-line miles)

Means of transport	All commodities	
	1967	1963
All means of transport.....	347	310
Rail.....	375	335
Motor carrier.....	241	221
Private truck.....	155	138

Note: Average length of haul is based on straight-line miles from plant to customer or redistribution point, weighted by tonnage shipped (i.e., ton-miles divided by tons). Rail short-line and highway direct-route distances average about 24 and 21 percent, respectively, longer than straight-line distances.

Table D. PERCENT DISTRIBUTION OF SHIPMENTS
BY AREA OF DESTINATION

Area of destination	All commodities	
	1967	1963
Tons of shipments.....thousands..	37,517	33,502
Ton-miles.....millions..	13,006	10,369
TONS OF SHIPMENTS		
Percent distribution		
All areas.....	100.0	100.0
Production Area 12 ¹	9.8	14.0
Other production areas.....	48.7	50.3
All other areas.....	41.5	35.7
TON-MILES		
All areas.....	100.0	100.0
Production Area 12 ¹.....	.8	1.1
Other production areas.....	55.3	60.1
All other areas.....	43.9	38.8

¹Includes only those shipments that originated in one city in this area and terminated in another city in this area.

TABLE 1. Percent Distribution of Commodities, by Means of Transport: 1967

TCC code	Commodity	Number	Percent distribution by means of transport								Sampling variability code ¹
			All means of transport	Rail	Motor carrier	Private truck	Air	Water	Other	Unknown	
	TONS OF SHIPMENTS	(thousands of tons)									
	Production Area 12, total.....	37,517	100.0	41.8	34.5	5.6	-	17.8	0.1	0.2	-
20	Food and kindred products.....	1,671	100.0	15.6	42.8	41.5	-	-	-	.1	d
28	Chemicals and allied products.....	3,301	100.0	46.7	21.7	6.1	-	25.4	.1	-	b
281	Industrial chemicals.....	2,674	100.0	50.5	15.3	2.9	-	31.3	-	-	b
2818	Miscellaneous industrial organic chemicals.....	387	100.0	34.1	47.5	15.2	-	3.2	-	-	d
2819	Miscellaneous industrial inorganic chemicals.....	355	100.0	48.5	31.4	.2	-	19.9	-	-	c
282	Plastic materials and plasticizers, synthetic resins, rubbers, and fibers.	291	100.0	33.9	53.6	11.7	-	.6	.1	.1	a
2821	Plastic materials and plasticizers, synthetic resins, rubbers, and fibers.	291	100.0	33.9	53.6	11.7	-	.6	.1	.1	a
28211	Plastic materials and plasticizers, synthetic resins, and nonvulcanizable elastomers.....	275	100.0	32.9	54.6	11.7	-	.6	.1	.1	a
285	Paints, varnishes, lacquers, enamels, and allied products.....	60	100.0	4.5	82.9	7.3	-	-	5.3	-	d
2851	Paints, varnishes, lacquers, enamels, and allied products.....	60	100.0	4.5	82.9	7.3	-	-	5.3	-	d
28511	Paints, varnishes, lacquers, enamels, and shellacs.....	49	100.0	-	86.2	7.2	-	-	6.6	-	d
29	Petroleum and coal products.....	742	100.0	38.1	30.3	16.8	-	14.8	-	-	a
291	Products of petroleum refining.....	546	100.0	24.8	32.6	22.5	-	20.1	-	-	b
2911	Products of petroleum refining (except liquefied petroleum gases and petroleum coke and breeze).....	546	100.0	24.8	32.6	22.5	-	20.1	-	-	b
29114	Lubricating oils and similar light oils and derivatives.....	98	100.0	30.1	41.5	28.4	-	-	-	-	c
299	Miscellaneous petroleum and coal products.....	162	100.0	73.6	26.0	.4	-	-	-	-	d
2991	Miscellaneous petroleum and coal products.....	162	100.0	73.6	26.0	.4	-	-	-	-	d
307	Miscellaneous plastic products.....	58	100.0	48.4	36.0	15.5	-	-	.1	-	d
3071	Miscellaneous plastic products.....	58	100.0	48.4	36.0	15.5	-	-	.1	-	d
32	Stone, clay, and glass products.....	3,615	100.0	51.6	40.6	7.8	-	-	-	-	d
322	Glass and glassware, pressed and blown.	649	100.0	11.4	83.7	4.9	-	-	-	-	d
3229	Glass products (except flat glass and glass containers).....	71	100.0	23.9	69.6	5.9	0.1	.2	.2	.1	d
326	Pottery and related products.....	89	100.0	21.5	65.3	10.7	.3	-	1.1	1.1	c
33	Primary metal products.....	24,667	100.0	41.6	33.8	1.3	-	22.9	-	.4	a
331	Steel works and rolling mill products..	23,590	100.0	41.0	33.6	1.0	-	24.0	-	.4	a
3311	Coke-oven and blast furnace products...	787	100.0	21.6	7.6	1.0	-	69.8	-	-	b
3312	Primary iron and steel products (except coke-oven products).....	22,546	100.0	41.7	34.3	1.0	-	22.6	-	.4	a
33121	Steel ingot and semifinished shapes....	808	100.0	76.5	23.1	.3	-	.1	-	-	b
33123	Sheet and strip, iron and steel (except tin mill products).....	9,165	100.0	25.1	45.0	.6	-	28.4	-	.9	c
33124	Bars, bar shapes, and rods.....	2,914	100.0	46.3	42.5	1.1	-	10.1	-	-	c
33126	Steel pipe, tubes, and fittings.....	2,047	100.0	55.6	30.1	1.2	-	13.1	-	-	c
33127	Tin mill products.....	4,362	100.0	39.9	21.8	.5	-	37.8	-	-	c
335	Nonferrous metal basic shapes.....	48	100.0	13.7	82.3	3.7	.2	-	.1	-	c
339	Miscellaneous primary metal products...	194	100.0	54.4	43.7	1.9	-	-	-	-	c
3391	Iron and steel forgings.....	162	100.0	50.4	48.5	1.1	-	-	-	-	c
33911	Iron and steel forgings.....	162	100.0	50.4	48.5	1.1	-	-	-	-	c

See footnote at end of table.

TABLE 1. Percent Distribution of Commodities, by Means of Transport: 1967--Continued

TCC code	Commodity	Number	Percent distribution by means of transport								Sampling variability code ¹
			All means of transport	Rail	Motor carrier	Private truck	Air	Water	Other	Unknown	
	TONS OF SHIPMENTS--Continued	(thousands of tons)									
34	Fabricated metal products.....	1,340	100.0	37.9	52.8	3.9	-	5.3	0.1	-	b
344	Structural and miscellaneous metal products.....	674	100.0	51.1	36.1	2.2	-	10.6	-	-	c
3441	Structural metal products.....	306	100.0	70.9	21.6	1.7	-	5.8	-	-	c
34411	Structural metal products, iron and steel.....	306	100.0	71.1	21.4	1.7	-	5.8	-	-	c
346	Metal stampings.....	85	100.0	22.4	48.4	29.0	-	-	.2	-	d
3461	Metal stampings.....	85	100.0	22.4	48.4	29.0	-	-	.2	-	d
34619	Metal stampings, n.e.c.....	22	100.0	8.0	66.4	25.6	-	-	-	-	d
3494	Valves and pipe fittings (except plumbers' brass goods and fittings).....	68	100.0	15.8	79.4	3.8	0.1	-	.9	-	d
35	Machinery, except electrical.....	468	100.0	16.7	39.2	41.4	.1	2.4	.2	-	d
353	Construction, mining, and materials handling machinery and equipment.....	54	100.0	25.5	65.7	.3	.3	7.6	.6	-	c
3548	Metalworking machinery (except machine tools).....	90	100.0	49.0	50.6	.4	-	-	-	-	b
36	Electrical machinery and equipment.....	375	100.0	23.3	72.4	1.2	.4	.2	2.4	0.1	c
361	Electrical transmission and distribution equipment.....	140	100.0	25.0	73.5	.7	.3	-	.5	-	d
3629	Miscellaneous electrical industrial apparatus.....	4	100.0	30.5	55.9	-	1.8	-	11.8	-	d
36299	Electrical industrial apparatus, n.e.c.....	4	100.0	30.5	55.9	-	1.8	-	11.8	-	d
364	Electric lighting and wiring equipment.....	146	100.0	13.2	85.4	-	.1	-	1.3	-	d
37	Transportation equipment.....	332	100.0	85.1	13.8	.1	.1	-	.9	-	c
374	Railroad equipment.....	169	100.0	84.9	14.7	.3	.1	-	-	-	d
	TON-MILES OF SHIPMENTS	(millions of ton-miles)									
	Production Area 12, total.....	13,006	100.0	45.2	24.0	2.5	-	28.0	.2	.1	-
20	Food and kindred products.....	390	100.0	39.6	48.2	12.2	-	-	-	-	-
28	Chemicals and allied products.....	846	100.0	57.1	19.0	6.1	-	17.8	-	-	-
281	Industrial chemicals.....	597	100.0	60.1	11.7	3.0	-	25.2	-	-	-
2818	Miscellaneous industrial organic chemicals.....	86	100.0	58.7	31.3	5.1	-	4.9	-	-	-
2819	Miscellaneous industrial inorganic chemicals.....	25	100.0	60.0	29.0	.4	-	10.6	-	-	-
282	Plastic materials and plasticizers, synthetic resins, rubbers, and fibers.....	141	100.0	56.4	35.5	7.8	-	.3	-	-	-
2821	Plastic materials and plasticizers, synthetic resins, rubbers, and fibers.....	141	100.0	56.4	35.5	7.8	-	.3	-	-	-
28211	Plastic materials and plasticizers, synthetic resins, and nonvulcanizable elastomers.....	135	100.0	55.8	36.4	7.5	-	.3	-	-	-
285	Paints, varnishes, lacquers, enamels, and allied products.....	14	100.0	5.0	92.1	2.1	-	-	.8	-	-
2851	Paints, varnishes, lacquers, enamels, and allied products.....	14	100.0	5.0	92.1	2.1	-	-	.8	-	-
28511	Paints, varnishes, lacquers, enamels, and shellacs.....	13	100.0	-	97.0	2.1	-	-	.9	-	-
29	Petroleum and coal products.....	140	100.0	66.5	18.7	6.1	-	8.7	-	-	-
291	Products of petroleum refining.....	92	100.0	55.4	22.3	9.2	-	13.1	-	-	-
2911	Products of petroleum refining (except liquefied petroleum gases and petroleum coke and breeze).....	92	100.0	55.4	22.3	9.2	-	13.1	-	-	-
29114	Lubricating oils and similar light oils and derivatives.....	21	100.0	40.5	39.5	19.9	-	-	.1	-	-

See footnote at end of table.

TABLE 1. Percent Distribution of Commodities, by Means of Transport: 1967--Continued

TCC code	Commodity	Number	Percent distribution by means of transport								Sampling variability code ¹
			All means of transport	Rail	Motor carrier	Private truck	Air	Water	Other	Unknown	
	TON-MILES OF SHIPMENTS--Continued	(millions of ton-miles)									
299	Miscellaneous petroleum and coal products.....	25	100.0	85.1	14.8	0.1	-	-	-	-	-
2991	Miscellaneous petroleum and coal products.....	25	100.0	85.1	14.8	.1	-	-	-	-	-
307	Miscellaneous plastic products.....	22	100.0	49.6	39.9	9.7	0.1	-	0.7	-	-
3071	Miscellaneous plastic products.....	22	100.0	49.6	39.9	9.7	.1	-	.7	-	-
32	Stone, clay, and glass products.....	828	100.0	52.9	40.7	5.8	.2	0.1	.2	0.1	-
322	Glass and glassware, pressed and blown	206	100.0	15.1	82.6	2.1	-	.2	-	-	-
3229	Glass products (except flat glass and glass containers).....	37	100.0	39.5	54.2	4.5	.1	1.2	.2	.3	-
326	Pottery and related products.....	52	100.0	25.6	64.3	3.1	1.8	.1	3.7	1.4	-
33	Primary metal products.....	9,565	100.0	43.1	19.9	.9	-	36.0	-	.1	-
331	Steel works and rolling mill products..	9,316	100.0	42.8	19.4	.8	-	36.9	-	.1	-
3311	Coke-oven and blast furnace products..	128	100.0	6.7	3.2	.1	-	90.0	-	-	-
3312	Primary iron and steel products (except coke-oven products).....	9,124	100.0	43.1	19.5	.8	-	36.5	-	.1	-
33121	Steel ingot and semifinished shapes...	164	100.0	72.9	26.4	.1	-	.6	-	-	-
33123	Sheet and strip, iron and steel (except tin mill products).....	3,682	100.0	22.7	24.9	.3	-	51.8	-	.3	-
33124	Bars, bar shapes, and rods.....	1,064	100.0	46.7	27.4	.4	-	25.5	-	-	-
33126	Steel pipe, tubes, and fittings.....	1,307	100.0	66.1	12.4	.5	-	21.0	-	-	-
33127	Tin mill products.....	2,142	100.0	50.3	12.2	2.2	-	35.3	-	-	-
335	Nonferrous metal basic shapes.....	19	100.0	11.2	85.8	2.2	.7	-	.1	-	-
339	Miscellaneous primary metal products..	51	100.0	60.0	39.4	.6	-	-	-	-	-
3391	Iron and steel forgings.....	33	100.0	42.0	57.2	.8	-	-	-	-	-
33911	Iron and steel forgings.....	33	100.0	42.0	57.2	.8	-	-	-	-	-
34	Fabricated metal products.....	547	100.0	52.3	42.1	1.8	-	3.7	.1	-	-
344	Structural and miscellaneous metal products.....	247	100.0	63.8	27.5	.5	-	8.2	-	-	-
3441	Structural metal products.....	116	100.0	81.7	14.3	.2	-	3.8	-	-	-
34411	Structural metal products, iron and steel.....	115	100.0	82.2	13.8	.2	-	3.8	-	-	-
346	Metal stampings.....	36	100.0	45.0	39.8	15.0	-	-	.2	-	-
3461	Metal stampings.....	36	100.0	45.0	39.8	15.0	-	-	.2	-	-
34619	Metal stampings, n.e.c.....	10	100.0	39.1	55.4	5.5	-	-	-	-	-
3494	Valves and pipe fittings (except plumbers' brass goods and fittings).....	44	100.0	43.1	55.7	.5	.1	-	.6	-	-
35	Machinery, except electrical.....	170	100.0	26.1	33.3	30.2	.4	9.9	.1	-	-
353	Construction, mining, and materials handling machinery and equipment.....	22	100.0	31.2	61.9	-	.5	5.9	.5	-	-
3548	Metalworking machinery (except machine tools).....	31	100.0	58.3	41.6	.1	-	-	-	-	-
36	Electrical machinery and equipment....	203	100.0	28.6	64.9	.8	.7	.4	4.6	-	-
361	Electrical transmission and distribution equipment.....	87	100.0	33.8	65.2	.1	.3	-	.6	-	-
3629	Miscellaneous electrical industrial apparatus.....	2	100.0	14.4	74.9	-	2.5	-	8.2	-	-
36299	Electrical industrial apparatus, n.e.c.....	2	100.0	14.4	74.9	-	2.5	-	8.2	-	-
364	Electric lighting and wiring equipment	72	100.0	24.5	69.9	-	.1	.1	5.4	-	-
37	Transportation equipment.....	126	100.0	85.3	13.5	-	.1	-	1.1	-	-
374	Railroad equipment.....	43	100.0	91.3	8.6	-	.1	-	-	-	-

¹Code letter indicates a sampling variability range as follows: a, 0-9 percent; b, 10-19 percent; c, 20-29 percent; and d, 30-50 percent. The variability for ton-miles has not been estimated.

TABLE 2. Percent Distribution of Commodities, by Distance of Shipment: 1967

TCC code	Commodity	Number	Percent distribution by distance of shipment								Sampling variability code ¹
			All distances	Under 100 miles	100 to 199 miles	200 to 299 miles	300 to 499 miles	500 to 999 miles	1,000 to 1,499 miles	1,500 miles or over	
	TONS OF SHIPMENTS	(thousands of tons)									
	Production Area 12, total.....	37,517	100.0	22.5	18.1	20.5	22.2	8.7	5.6	2.4	-
20	Food and kindred products.....	1,671	100.0	39.1	19.2	10.7	21.6	6.0	2.5	.9	d
28	Chemicals and allied products.....	3,301	100.0	23.7	25.3	19.6	22.7	6.9	.5	1.3	b
281	Industrial chemicals.....	2,674	100.0	25.3	26.8	20.5	21.2	5.4	.4	.4	b
2818	Miscellaneous industrial organic chemicals.....	387	100.0	44.0	12.3	17.2	16.2	9.7	.1	.5	d
2819	Miscellaneous industrial inorganic chemicals.....	355	100.0	80.7	8.6	9.5	1.1	.1	-	-	c
282	Plastic materials and plasticizers, synthetic resins, rubbers, and fibers.	291	100.0	10.9	12.0	18.4	38.2	10.7	1.6	8.2	a
2821	Plastic materials and plasticizers, synthetic resins, rubbers, and fibers.	291	100.0	10.9	12.0	18.4	38.2	10.7	1.6	8.2	a
28211	Plastic materials and plasticizers, synthetic resins, and nonvulcanizable elastomers.....	275	100.0	11.5	11.2	18.9	36.6	11.4	1.7	8.7	a
285	Paints, varnishes, lacquers, enamels, and allied products.....	60	100.0	39.7	19.7	17.4	8.7	11.8	2.0	.7	d
2851	Paints, varnishes, lacquers, enamels, and allied products.....	60	100.0	39.7	19.7	17.4	8.7	11.8	2.0	.7	d
28511	Paints, varnishes, lacquers, enamels, and allied shellacs.....	49	100.0	34.7	22.3	14.6	10.5	14.6	2.5	.8	d
29	Petroleum and coal products.....	742	100.0	47.2	22.2	10.4	13.9	4.2	.8	1.3	a
291	Products of petroleum refining.....	546	100.0	52.0	17.5	13.5	11.7	3.6	-	1.7	b
2911	Products of petroleum refining (except liquefied petroleum gases and petroleum coke and breeze).....	546	100.0	52.0	17.5	13.5	11.7	3.6	-	1.7	b
29114	Lubricating oils and similar light oils and derivatives.....	98	100.0	24.0	24.4	23.3	24.2	4.1	-	-	c
299	Miscellaneous petroleum and coal products.....	162	100.0	39.3	41.6	-	19.1	-	-	-	d
2991	Miscellaneous petroleum and coal products.....	162	100.0	39.3	41.6	-	19.1	-	-	-	d
307	Miscellaneous plastic products.....	58	100.0	7.6	12.7	16.8	40.3	20.5	.3	1.8	d
3071	Miscellaneous plastic products.....	58	100.0	7.6	12.7	16.8	40.3	20.5	.3	1.8	d
32	Stone, clay, and glass products.....	3,615	100.0	19.6	44.3	13.2	16.4	4.0	.8	1.7	d
322	Glass and glassware, pressed and blown.	649	100.0	4.6	20.1	24.2	44.1	5.7	.5	.8	d
3229	Glass products (except flat glass and glass containers).....	71	100.0	4.7	19.1	22.5	26.5	14.6	5.0	7.6	d
326	Pottery and related products.....	89	100.0	8.6	6.7	10.4	40.0	21.7	5.6	7.0	c
33	Primary metal products.....	24,667	100.0	21.1	13.5	22.2	22.9	9.8	7.8	2.7	a
331	Steel works and rolling mill products..	23,590	100.0	20.4	13.0	22.4	23.4	10.0	8.1	2.7	a
3311	Coke-oven and blast furnace products...	787	100.0	43.3	38.1	.5	15.1	3.0	-	-	b
3312	Primary iron and steel products (except coke-oven products).....	22,546	100.0	19.5	12.2	23.1	23.7	10.2	8.5	2.8	a
33121	Steel ingot and semifinished shapes....	808	100.0	39.3	19.7	21.0	15.7	1.6	2.5	.2	b
33123	Sheet and strip, iron and steel (except tin mill products).....	9,165	100.0	17.8	10.8	20.8	26.9	12.5	10.4	.8	b
33124	Bars, bar shapes, and rods.....	2,914	100.0	20.0	17.2	22.9	20.8	9.0	7.8	2.3	b
33126	Steel pipe, tubes, and fittings.....	2,047	100.0	10.2	9.7	12.1	23.1	25.4	12.2	7.3	b
33127	Tin mill products.....	4,362	100.0	6.2	5.4	41.9	23.3	6.1	10.2	6.9	c
335	Nonferrous metal basic shapes.....	48	100.0	2.3	17.9	21.0	43.5	9.3	3.8	2.2	b
339	Miscellaneous primary metal products...	194	100.0	35.6	20.2	16.7	21.6	1.4	.9	3.6	b
3391	Iron and steel forgings.....	162	100.0	40.6	23.3	19.3	12.9	1.6	1.0	1.3	b
33911	Iron and steel forgings.....	162	100.0	40.6	23.3	19.3	12.9	1.6	1.0	1.3	b

See footnote at end of table.

TABLE 2. Percent Distribution of Commodities, by Distance of Shipment: 1967--Continued

TCC code	Commodity	Number	Percent distribution by distance of shipment								Sampling variability code ¹
			All distances	Under 100 miles	100 to 199 miles	200 to 299 miles	300 to 499 miles	500 to 999 miles	1,000 to 1,499 miles	1,500 miles or over	
	TONS OF SHIPMENTS--Continued	(thousands of tons)									
34	Fabricated metal products.....	1,340	100.0	11.7	16.1	24.3	27.1	13.1	4.8	2.9	b
344	Structural and miscellaneous metal products.....	674	100.0	11.8	13.8	28.7	28.8	11.3	4.5	1.1	c
3441	Structural metal products.....	306	100.0	16.3	17.8	21.7	25.1	10.2	7.1	1.8	c
34411	Structural metal products, iron and steel.....	306	100.0	16.3	17.8	21.8	25.3	9.9	7.1	1.8	c
346	Metal stampings.....	85	100.0	14.7	14.4	20.4	31.8	12.3	.5	5.9	d
3461	Metal stampings.....	85	100.0	14.7	14.4	20.4	31.8	12.3	.5	5.9	d
34619	Metal stampings, n.e.c.....	22	100.0	35.8	8.3	1.7	37.8	8.1	.2	8.1	d
3494	Valves and pipe fittings (except plumbers' brass goods and fittings).....	68	100.0	8.4	11.4	19.1	27.4	14.8	4.4	14.5	d
35	Machinery, except electrical.....	468	100.0	10.9	10.0	49.5	17.8	6.2	1.4	4.2	d
353	Construction, mining, and materials handling machinery and equipment.....	54	100.0	23.0	8.8	10.1	32.0	19.0	.3	6.8	c
3548	Metalworking machinery (except machine tools).....	90	100.0	14.7	14.8	26.6	34.4	3.4	4.3	1.8	b
36	Electrical machinery and equipment.....	375	100.0	7.2	10.9	24.7	25.5	18.6	5.2	7.9	c
361	Electrical transmission and distribution equipment.....	140	100.0	8.2	7.2	16.8	27.2	23.3	7.8	9.5	d
3629	Miscellaneous electrical industrial apparatus.....	4	100.0	.6	35.3	16.5	39.5	5.0	.9	2.2	d
36299	Electrical industrial apparatus, n.e.c.	4	100.0	.6	35.3	16.5	39.5	5.0	.9	2.2	d
364	Electric lighting and wiring equipment.	146	100.0	10.0	11.0	22.3	29.6	15.9	4.5	6.7	d
37	Transportation equipment.....	332	100.0	16.3	23.1	15.5	26.0	11.3	4.0	3.8	c
374	Railroad equipment.....	169	100.0	32.0	19.9	6.2	33.8	4.6	3.4	.1	d
	TON-MILES OF SHIPMENTS	(millions of ton-miles)									
	Production Area 12, total.....	13,006	100.0	3.1	7.7	14.3	24.0	17.7	18.1	15.1	-
20	Food and kindred products.....	390	100.0	8.3	12.7	11.2	31.7	17.0	11.5	7.6	-
28	Chemicals and allied products.....	846	100.0	4.4	13.9	19.6	32.6	16.8	2.3	10.4	-
281	Industrial chemicals.....	597	100.0	5.4	16.3	23.7	34.2	15.0	2.0	3.4	-
2818	Miscellaneous industrial organic chemicals.....	86	100.0	8.0	7.8	19.6	25.9	33.7	.6	4.4	-
2819	Miscellaneous industrial inorganic chemicals.....	25	100.0	44.1	19.1	28.8	5.4	1.8	.4	.4	-
282	Plastic materials and plasticizers, synthetic resins, rubbers, and fibers.	141	100.0	1.1	3.8	9.3	32.0	13.6	3.6	36.6	-
2821	Plastic materials and plasticizers, synthetic resins, rubbers, and fibers.	141	100.0	1.1	3.8	9.3	32.0	13.6	3.6	36.6	-
28211	Plastic materials and plasticizers, synthetic resins, and nonvulcanizable elastomers.....	135	100.0	1.2	3.6	9.3	29.7	14.3	3.8	38.1	-
285	Paints, varnishes, lacquers, enamels, and allied products.....	14	100.0	5.2	13.3	19.0	15.0	31.9	9.5	6.1	-
2851	Paints, varnishes, lacquers, enamels, and allied products.....	14	100.0	5.2	13.3	19.0	15.0	31.9	9.5	6.1	-
28511	Paints, varnishes, lacquers, enamels, and shellacs.....	13	100.0	3.6	13.5	14.4	16.2	35.1	10.5	6.7	-
29	Petroleum and coal products.....	140	100.0	8.0	17.9	12.9	26.6	14.4	5.7	14.5	-
291	Products of petroleum refining.....	92	100.0	9.4	14.3	18.4	24.4	11.3	.3	21.9	-
2911	Products of petroleum refining (except liquefied petroleum gases and petroleum coke and breeze).....	92	100.0	9.4	14.3	18.4	24.4	11.3	.3	21.9	-
29114	Lubricating oils and similar light oils and derivatives.....	21	100.0	6.3	17.1	25.1	40.5	10.6	.3	.1	-

See footnote at end of table.

TABLE 2. Percent Distribution of Commodities, by Distance of Shipment: 1967--Continued

TCC code	Commodity	Number	Percent distribution by distance of shipment								Sampling variability code ¹
			All distances	Under 100 miles	100 to 199 miles	200 to 299 miles	300 to 499 miles	500 to 999 miles	1,000 to 1,499 miles	1,500 miles or over	
	TON-MILES OF SHIPMENTS--Continued	(millions of ton-miles)									
299	Miscellaneous petroleum and coal products.....	25	100.0	9.5	46.0	-	44.4	-	0.1	-	-
2991	Miscellaneous petroleum and coal products.....	25	100.0	9.5	46.0	-	44.4	-	.1	-	-
307	Miscellaneous plastic products.....	22	100.0	1.3	5.2	11.2	40.5	31.5	.8	9.5	-
3071	Miscellaneous plastic products.....	22	100.0	1.3	5.2	11.2	40.5	31.5	.8	9.5	-
32	Stone, clay, and glass products.....	828	100.0	3.7	24.1	13.9	26.8	11.7	4.1	15.7	-
322	Glass and glassware, pressed and blown.	206	100.0	.8	9.6	19.0	51.2	11.7	2.0	5.7	-
3229	Glass products (except flat glass and glass containers).....	37	100.0	.7	5.7	11.5	20.2	18.8	11.0	32.1	-
326	Pottery and related products.....	52	100.0	.7	1.9	4.4	28.0	30.2	11.1	23.7	-
33	Primary metal products.....	9,565	100.0	2.8	5.6	13.8	22.2	18.3	22.1	15.2	-
331	Steel works and rolling mill products..	9,316	100.0	2.7	5.3	13.6	22.2	18.4	22.6	15.2	-
3311	Coke-oven and blast furnace products...	128	100.0	7.3	43.3	.9	36.4	12.1	-	-	-
3312	Primary iron and steel products (except coke-oven products).....	9,124	100.0	2.6	4.7	13.7	21.9	18.5	23.1	15.5	-
33121	Steel ingot and semifinished shapes....	164	100.0	7.4	15.7	25.0	31.7	4.5	13.6	2.1	-
33123	Sheet and strip, iron and steel (except tin mill products).....	3,682	100.0	2.8	4.1	12.6	25.7	22.4	28.4	4.0	-
33124	Bars, bar shapes, and rods.....	1,064	100.0	2.5	7.2	15.6	22.0	15.6	24.2	12.9	-
33126	Steel pipe, tubes, and fittings.....	1,370	100.0	.7	2.4	4.4	13.0	30.2	21.6	27.7	-
33127	Tin mill products.....	2,142	100.0	.7	1.9	19.8	16.5	8.6	21.9	30.6	-
335	Nonferrous metal basic shapes.....	19	100.0	.3	6.4	13.8	40.0	16.9	11.2	11.4	-
339	Miscellaneous primary metal products...	51	100.0	5.9	13.2	15.7	29.0	3.4	3.6	29.2	-
3391	Iron and steel forgings.....	33	100.0	8.9	20.1	23.9	22.4	5.2	5.6	13.9	-
33911	Iron and steel forgings.....	33	100.0	8.9	20.1	23.9	22.4	5.2	5.6	13.9	-
34	Fabricated metal products.....	547	100.0	1.5	6.1	14.9	25.5	22.8	14.0	15.2	-
344	Structural and miscellaneous metal products.....	247	100.0	1.4	5.7	20.3	30.2	21.2	15.1	6.1	-
3441	Structural metal products.....	116	100.0	2.2	6.8	14.1	25.0	19.4	22.5	10.0	-
34411	Structural metal products, iron and steel.....	115	100.0	2.2	6.8	14.2	25.2	18.9	22.7	10.0	-
346	Metal stampings.....	36	100.0	2.2	5.3	12.5	27.3	20.5	1.4	30.8	-
3461	Metal stampings.....	36	100.0	2.2	5.3	12.5	27.3	20.5	1.4	30.8	-
34619	Metal stampings, n.e.c.....	10	100.0	6.9	2.8	.9	33.6	15.6	.6	39.6	-
3494	Valves and pipe fittings (except plumbers' brass goods and fittings).....	44	100.0	.8	2.6	7.2	15.7	17.1	8.4	48.2	-
35	Machinery, except electrical.....	170	100.0	1.4	5.0	34.6	19.0	11.1	4.8	24.1	-
353	Construction, mining, and materials handling machinery and equipment.....	22	100.0	3.1	3.6	6.5	27.9	27.1	1.0	30.8	-
3548	Metalworking machinery (except machine tools).....	31	100.0	1.9	7.5	18.2	39.7	6.0	15.6	11.1	-
36	Electrical machinery and equipment.....	203	100.0	.6	3.1	11.6	17.9	24.2	10.9	31.7	-
361	Electrical transmission and distribution equipment.....	87	100.0	.5	1.8	6.7	17.8	26.1	13.8	33.3	-
3629	Miscellaneous electrical industrial apparatus.....	2	100.0	.1	16.6	11.0	45.7	9.7	3.5	13.4	-
36299	Electrical industrial apparatus, n.e.c.	2	100.0	.1	16.6	11.0	45.7	9.7	3.5	13.4	-
364	Electrical lighting and wiring equipment.....	72	100.0	.9	3.9	11.5	21.0	22.4	11.1	29.2	-
37	Transportation equipment.....	126	100.0	1.6	9.4	10.1	24.9	19.1	13.3	21.6	-
374	Railroad equipment.....	43	100.0	4.6	11.2	5.3	48.4	10.7	19.4	.4	-

¹Code letter indicates a sampling variability range as follows: a, 0-9 percent; b, 10-19 percent; c, 20-29 percent; and d, 30-50 percent. The variability for ton-miles has not been estimated.

TABLE 3. Percent Distribution of Commodities, by Geographic Division of Destination: 1967

TCC code	Commodity	Number	Percent distribution by geographic division ¹ of destination										Sampling variability code ³
			All means of transport	New England	Middle Atlantic	East North Central	West North Central	South Atlantic	East South Central	West South Central	Mountain	Pacific ²	
	TONS OF SHIPMENTS	(thous. of tons)											
	Production Area 12, total.....	37,517	100.0	2.3	31.8	35.3	2.8	12.0	6.3	7.0	0.4	2.1	-
20	Food and kindred products.....	1,671	100.0	1.8	52.4	19.5	2.9	17.9	1.7	3.1	-	.7	d
28	Chemicals and allied products.....	3,301	100.0	4.3	37.0	15.7	2.2	35.1	3.9	.4	.2	1.2	b
29	Petroleum and coal products.....	742	100.0	.7	59.2	18.3	.7	11.3	6.8	1.4	.3	1.3	a
32	Stone, clay, and glass products.....	3,615	100.0	2.1	28.3	53.3	1.7	9.6	2.4	.8	.2	1.6	d
33	Primary metal products.....	24,667	100.0	1.9	28.4	37.6	3.1	8.7	7.9	9.7	.4	2.3	a
34	Fabricated metal products.....	1,340	100.0	6.5	32.3	24.9	3.6	14.9	7.4	5.9	1.8	2.7	b
35	Machinery, except electrical.....	468	100.0	.3	31.1	49.5	2.9	8.6	1.8	1.5	.6	3.7	d
36	Electrical machinery and equipment.....	375	100.0	3.6	30.1	18.5	6.4	19.9	6.3	6.3	1.6	7.3	c
37	Transportation equipment.....	332	100.0	.8	38.2	32.9	4.5	13.3	1.8	4.7	.1	3.7	c
	TON-MILES OF SHIPMENTS	(millions of ton-miles)											
	Production Area 12, total.....	13,006	100.0	3.0	14.9	23.6	6.0	8.2	7.3	21.4	2.0	13.6	-
20	Food and kindred products.....	390	100.0	3.6	35.1	11.9	7.6	18.0	3.1	14.5	-	6.2	-
28	Chemicals and allied products.....	846	100.0	8.4	29.8	13.6	6.3	23.9	5.0	1.6	1.0	10.4	-
29	Petroleum and coal products.....	140	100.0	1.6	25.0	21.9	3.3	11.7	12.5	7.6	1.9	14.5	-
32	Stone, clay, and glass products.....	828	100.0	4.0	18.5	37.4	5.2	9.6	5.1	3.8	1.6	14.8	-
33	Primary metal products.....	9,565	100.0	2.3	11.9	23.9	5.9	5.9	8.1	26.5	1.9	13.6	-
34	Fabricated metal products.....	547	100.0	7.8	16.3	14.8	6.2	12.3	7.3	14.6	6.2	14.5	-
35	Machinery, except electrical.....	170	100.0	.4	20.8	36.6	5.9	4.8	2.1	5.1	2.5	21.8	-
36	Electrical machinery and equipment.....	203	100.0	3.2	12.9	9.6	8.6	13.7	6.0	11.9	4.4	29.7	-
37	Transportation equipment.....	126	100.0	.9	17.1	24.0	8.8	9.8	2.8	14.5	.6	21.5	-

¹States included in the geographic divisions are as follows: NEW ENGLAND--Maine, New Hampshire, Vermont, Massachusetts, Rhode Island, and Connecticut; MIDDLE ATLANTIC--New York, New Jersey, and Pennsylvania; EAST NORTH CENTRAL--Ohio, Indiana, Illinois, Michigan, and Wisconsin; WEST NORTH CENTRAL--Minnesota, Iowa, Missouri, North Dakota, South Dakota, Nebraska, and Kansas; SOUTH ATLANTIC--Delaware, Maryland, District of Columbia, Virginia, West Virginia, North Carolina, South Carolina, Georgia, and Florida; EAST SOUTH CENTRAL--Kentucky, Tennessee, Alabama, and Mississippi; WEST SOUTH CENTRAL--Arkansas, Louisiana, Oklahoma, and Texas; MOUNTAIN--Montana, Idaho, Wyoming, Colorado, New Mexico, Arizona, Utah, and Nevada; PACIFIC--Washington, Oregon, California, Alaska, and Hawaii.

²Shipments to Alaska and Hawaii from the 48 conterminous States and the District of Columbia are included; no data were obtained for shipments originating in Alaska and Hawaii.

³Code letter indicates a sampling variability range as follows: a, 0-9 percent; b, 10-19 percent; c, 20-29 percent; and d, 30-50 percent. The variability for ton-miles has not been estimated.

TABLE 4. Percent Distribution of Commodities, by Production Area of Destination: 1967

TCC code	Commodity	Number	Percent distribution by production area ¹ of destination							
			Total	1 (BOST)	2 (HART)	3 (NYNY)	4 (N. NJ)	5 (PHIL)	6 (BALT)	7 (ALLN)
	TONS OF SHIPMENTS	(thousands of tons)								
	Production Area 12, total.....	37,517	100.0	0.9	0.5	2.3	4.1	3.2	1.8	0.4
20	Food and kindred products.....	1,671	100.0	.6	.8	6.4	7.5	4.1	2.6	.6
28	Chemicals and allied products.....	3,301	100.0	2.3	.6	.9	8.9	6.5	.4	.7
281	Industrial chemicals.....	2,674	100.0	2.0	.2	1.0	10.1	7.1	.4	.6
2818	Miscellaneous industrial organic chemicals.....	387	100.0	1.3	-	4.1	7.3	.6	.1	2.7
2819	Miscellaneous industrial inorganic chemicals.....	355	100.0	-	-	.2	-	-	.1	-
282	Plastic materials and plasticizers, synthetic resins, rubbers, and fibers.	291	100.0	2.6	2.6	.2	7.7	6.3	1.2	-
2821	Plastic materials and plasticizers, synthetic resins, rubbers, and fibers.	291	100.0	2.6	2.6	.2	7.7	6.3	1.2	-
28211	Plastic materials and plasticizers, synthetic resins, and nonvulcanizable elastomers.....	275	100.0	2.7	2.8	.2	8.2	6.6	1.3	-
285	Paints, varnishes, lacquers, enamels, and allied products.....	60	100.0	.4	.3	1.4	.2	1.9	-	1.3
2851	Paints, varnishes, lacquers, enamels, and allied products.....	60	100.0	.4	.3	1.4	.2	1.9	-	1.3
28511	Paints, varnishes, lacquers, enamels, and shellacs.....	49	100.0	.5	.4	1.8	.2	1.1	-	1.6
29	Petroleum and coal products.....	742	100.0	.3	.1	1.1	3.5	.7	2.3	.1
291	Products of petroleum refining.....	546	100.0	.4	.2	1.2	4.7	1.0	.6	.1
2911	Products of petroleum refining (except liquefied petroleum gases and petroleum coke and breeze).....	546	100.0	.4	.2	1.2	4.7	1.0	.6	.1
29114	Lubricating oils and similar light oils and derivatives.....	98	100.0	.5	1.0	1.7	6.0	5.4	2.3	.7
299	Miscellaneous petroleum and coal products.....	162	100.0	-	-	.8	-	-	8.6	-
2991	Miscellaneous petroleum and coal products.....	162	100.0	-	-	.8	-	-	8.6	-
307	Miscellaneous plastic products.....	58	100.0	4.8	.3	6.7	.5	1.0	-	.2
3071	Miscellaneous plastic products.....	58	100.0	4.8	.3	6.7	.5	1.0	-	.2
32	Stone, clay, and glass products.....	3,615	100.0	.8	.7	2.7	1.3	2.1	4.3	.6
322	Glass and glassware, pressed and blown.	649	100.0	3.1	1.6	8.5	6.6	6.1	1.3	.2
3229	Glass products (except flat glass and glass containers).....	71	100.0	1.7	.8	9.0	8.0	4.3	.4	-
326	Pottery and related products.....	89	100.0	3.9	6.1	4.9	2.5	3.1	3.3	.2
33	Primary metal products.....	24,667	100.0	.8	.5	2.1	3.5	2.9	1.5	.3
331	Steel works and rolling mill products..	23,590	100.0	.8	.4	2.1	3.6	2.8	1.5	.2
3311	Coke-oven and blast furnace products...	787	100.0	-	-	-	-	-	-	-
3312	Primary iron and steel products (except coke-oven products).....	22,546	100.0	.8	.5	2.2	3.7	2.8	1.6	.2
33121	Steel ingot and semifinished shapes....	808	100.0	2.9	-	.3	-	3.4	2.8	.3
33123	Sheet and strip, iron and steel (except tin mill products).....	9,165	100.0	.5	.5	2.6	2.5	2.0	1.1	.1
33124	Bars, bar shapes, and rods.....	2,914	100.0	2.0	.8	.9	1.9	5.6	.9	.3
33126	Steel pipe, tubes, and fittings.....	2,047	100.0	1.8	.8	3.1	1.5	2.8	1.6	.1
33127	Tin mill products.....	4,362	100.0	.3	.2	3.5	9.3	3.8	3.2	.4
335	Nonferrous metal basic shapes.....	48	100.0	.9	2.4	5.9	1.1	15.7	-	-
339	Miscellaneous primary metal products...	194	100.0	1.1	.2	2.0	3.0	2.9	.4	1.6
3391	Iron and steel forgings.....	162	100.0	-	.3	2.4	3.5	3.0	-	1.9
33911	Iron and steel forgings.....	162	100.0	-	.3	2.4	3.5	3.0	-	1.9

See footnotes at end of table.

TABLE 4. Percent Distribution of Commodities, by Production Area of Destination: 1967--Continued

TCC code	Commodity	Percent distribution by production area ¹ of destination--Continued									
		8 (HARR)	9 (SYRA)	10 (BUFF)	11 (CLEV)	12 ² (PITT)	13 (DETR)	14 (CINC)	15 (CHIC)	16 (MILW)	17 (M-SP)
	TONS OF SHIPMENTS										
	Production Area 12, total.....	1.0	0.6	2.4	10.5	9.8	4.7	3.6	4.5	0.6	0.2
20	Food and kindred products.....	.7	.7	.7	10.1	12.9	1.1	.8	1.1	-	.5
28	Chemicals and allied products.....	1.8	.2	1.9	4.5	11.5	1.9	.9	2.7	.5	.2
281	Industrial chemicals.....	2.0	.1	1.0	4.4	12.2	1.0	.7	2.1	.3	-
2818	Miscellaneous industrial organic chemicals.....	-	.4	3.4	16.5	26.6	1.5	2.0	1.3	-	-
2819	Miscellaneous industrial inorganic chemicals.....	7.8	-	-	8.1	56.7	-	1.5	-	-	-
282	Plastic materials and plasticizers, synthetic resins, rubbers, and fibers.	1.3	.2	4.7	6.4	5.8	4.1	.1	10.3	1.1	.8
2821	Plastic materials and plasticizers, synthetic resins, rubbers, and fibers.	1.3	.2	4.7	6.4	5.8	4.1	.1	10.3	1.1	.8
28211	Plastic materials and plasticizers, synthetic resins, and nonvulcanizable elastomers.....	1.4	.2	5.0	6.8	6.1	4.4	.1	10.9	1.1	.8
285	Paints, varnishes, lacquers, enamels, and allied products.....	.2	.3	5.5	3.9	30.3	.4	7.4	1.3	.6	1.0
2851	Paints, varnishes, lacquers, enamels, and allied products.....	.2	.3	5.5	3.9	30.3	.4	7.4	1.3	.6	1.0
28511	Paints, varnishes, lacquers, enamels, and shellacs.....	.2	.2	6.7	4.8	27.2	.5	3.6	1.6	.8	1.2
29	Petroleum and coal products.....	-	-	4.1	4.2	21.7	2.8	.5	3.7	-	-
291	Products of petroleum refining.....	-	-	1.6	3.2	29.2	.7	.3	2.1	-	-
2911	Products of petroleum refining (except liquefied petroleum gases and petroleum coke and breeze).....	-	-	1.6	3.2	29.2	.7	.3	2.1	-	-
29114	Lubricating oils and similar light oils and derivatives.....	-	-	5.6	8.9	4.8	1.5	.9	7.9	-	-
299	Miscellaneous petroleum and coal products.....	-	-	13.3	7.2	.4	10.5	-	9.1	-	-
2991	Miscellaneous petroleum and coal products.....	-	-	13.3	7.2	.4	10.5	-	9.1	-	-
307	Miscellaneous plastic products.....	.1	.1	7.6	5.9	2.2	1.8	1.2	3.2	-	-
3071	Miscellaneous plastic products.....	.1	.1	7.6	5.9	2.2	1.8	1.2	3.2	-	-
32	Stone, clay, and glass products.....	.5	.6	3.2	38.7	9.8	2.1	1.5	5.2	.3	.7
322	Glass and glassware, pressed and blown.	1.7	2.2	4.7	7.6	1.7	2.4	1.5	11.6	.4	1.5
3229	Glass products (except flat glass and glass containers).....	.1	.2	4.3	8.2	.4	.3	1.0	2.6	.4	1.3
326	Pottery and related products.....	.1	.1	.5	1.0	4.2	.5	2.4	14.7	.2	.3
33	Primary metal products.....	1.0	.6	2.4	8.1	8.6	5.7	4.7	4.9	.8	.1
331	Steel works and rolling mill products..	1.0	.6	2.3	8.0	8.1	5.6	4.9	4.9	.8	.1
3311	Coke-oven and blast furnace products...	-	-	-	-	33.7	1.8	-	9.3	-	-
3312	Primary iron and steel products (except coke-oven products).....	1.1	.6	2.4	8.2	7.1	5.8	5.1	4.8	.8	.1
33121	Steel ingot and semifinished shapes....	.1	1.2	5.2	8.7	12.7	6.5	-	10.6	.4	-
33123	Sheet and strip, iron and steel (except tin mill products).....	.7	1.2	1.8	9.5	5.5	9.8	3.3	3.0	.1	.2
33124	Bars, bar shapes, and rods.....	1.9	.3	.6	12.2	10.6	9.5	4.4	7.8	1.6	-
33126	Steel pipe, tubes, and fittings.....	2.5	-	.7	3.0	4.5	3.3	.8	5.0	1.3	.1
33127	Tin mill products.....	1.6	-	4.7	2.8	2.6	-	14.5	7.8	1.2	-
335	Nonferrous metal basic shapes.....	1.2	10.4	5.3	11.3	.7	.7	.3	11.6	2.0	1.5
339	Miscellaneous primary metal products...	-	5.1	-	5.1	18.7	21.0	.5	2.4	.1	-
3391	Iron and steel forgings.....	-	6.2	-	5.8	21.9	25.1	.6	2.0	.1	-
33911	Iron and steel forgings.....	-	6.2	-	5.8	21.9	25.1	.6	2.0	.1	-

See footnotes at end of table.

TABLE 4. Percent Distribution of Commodities, by Production Area of Destination: 1967--Continued

TCC code	Commodity	Percent distribution by production area ¹ of destination--Continued									Sampling variability code ²
		18 (STLO)	19 (ATLA)	20 (DALL)	21 (HOUS)	22 (DENV)	23 (SETL)	24 (SANF)	25 (LOSA)	All other	
	TONS OF SHIPMENTS										
	Production Area 12, total.....	0.7	0.3	0.3	4.5	-	0.1	0.8	0.7	41.5	-
20	Food and kindred products.....	.1	.3	2.0	.1	-	-	-	-	46.3	d
28	Chemicals and allied products.....	.4	.3	.1	.2	-	-	.2	.9	51.5	b
281	Industrial chemicals.....	.4	.1	-	.1	-	-	-	.4	53.8	b
2818	Miscellaneous industrial organic chemicals.....	-	-	-	.1	-	-	-	.5	31.6	d
2819	Miscellaneous industrial inorganic chemicals.....	-	-	-	-	-	-	-	-	25.6	c
282	Plastic materials and plasticizers, synthetic resins, rubbers, and fibers.	.6	1.4	.1	1.0	-	-	1.8	6.3	33.4	a
2821	Plastic materials and plasticizers, synthetic resins, rubbers, and fibers.	.6	1.4	.1	1.0	-	-	1.8	6.3	33.4	a
28211	Plastic materials, and plasticizers, synthetic resins, and nonvulcanizable elastomers.....	.6	1.5	.1	1.1	-	-	1.9	6.7	29.5	a
285	Paints, varnishes, lacquers, enamels, and allied products.....	.5	.5	1.6	.3	-	-	.2	.4	40.1	d
2851	Paints, varnishes, lacquers, enamels, and allied products.....	.5	.5	1.6	.3	-	-	.2	.4	40.1	d
28511	Paints, varnishes, lacquers, enamels, and shellacs.....	.6	.6	2.0	.4	-	-	.2	.5	43.3	d
29	Petroleum and coal products.....	.1	.5	-	-	-	-	-	-	54.3	a
291	Products of petroleum refining.....	-	.3	-	-	-	-	-	-	54.4	b
2911	Products of petroleum refining (except liquefied petroleum gases and petroleum coke and breeze).....	-	.3	-	-	-	-	-	-	54.4	b
29114	Lubricating oils and similar light oils and derivatives.....	-	1.8	-	-	-	-	-	-	51.0	c
299	Miscellaneous petroleum and coal products.....	-	-	-	-	-	-	-	-	50.1	d
2991	Miscellaneous petroleum and coal products.....	-	-	-	-	-	-	-	-	50.1	d
307	Miscellaneous plastic products.....	6.2	3.8	.2	.1	-	-	-	1.0	53.1	d
3071	Miscellaneous plastic products.....	6.2	3.8	.2	.1	-	-	-	1.0	53.1	d
32	Stone, clay, and glass products.....	.4	.1	.2	.1	-	-	.1	1.3	22.7	d
322	Glass and glassware, pressed and blown.	.4	.2	.1	-	0.1	-	.1	.4	36.0	d
3229	Glass products (except flat glass and glass containers).....	3.3	1.7	1.2	.1	.8	.4	.8	3.9	44.8	d
326	Pottery and related products.....	1.4	.8	1.1	1.4	.2	.1	.1	2.8	44.1	c
33	Primary metal products.....	.8	.2	.2	6.7	-	-	1.0	.6	42.0	a
331	Steel works and rolling mill products..	.8	.3	.2	7.0	-	.1	1.0	.6	42.3	a
3311	Coke-oven and blast furnace products...	-	-	-	-	-	-	-	-	55.2	b
3312	Primary iron and steel products (except coke-oven products).....	.8	.3	.2	7.3	-	.1	1.1	.6	41.8	a
33121	Steel ingot and semifinished shapes....	-	-	1.4	1.1	-	-	-	.1	42.3	b
33123	Sheet and strip, iron and steel (except tin mill products).....	.8	.1	-	10.1	-	-	-	-	44.6	b
33124	Bars, bar shapes, and rods.....	.1	-	-	7.6	-	.1	.4	1.5	29.0	b
33126	Steel pipe, tubes, and fittings.....	.4	2.5	1.2	1.5	.1	.3	.4	2.1	58.6	b
33127	Tin mill products.....	2.1	-	-	10.2	-	-	4.6	1.0	26.2	c
335	Nonferrous metal basic shapes.....	2.6	.1	.2	2.1	-	.1	-	1.1	22.8	b
339	Miscellaneous primary metal products...	-	-	.1	.1	-	-	.2	.8	34.7	b
3391	Iron and steel forgings.....	-	-	.2	.1	-	-	.3	1.0	24.7	b
33911	Iron and steel forgings.....	-	-	.2	.1	-	-	.3	1.0	24.7	b

See footnotes at end of table.

TABLE 4. Percent Distribution of Commodities, by Production Area of Destination: 1967 --Continued

TCC code	Commodity	Number	Percent distribution by production area ¹ of destination							
			Total	1 (BOST)	2 (HART)	3 (NYNY)	4 (N. NJ)	5 (PHIL)	6 (BALT)	7 (ALLN)
	TONS OF SHIPMENTS--Continued	(thousands of tons)								
34	Fabricated metal products.....	1,340	100.0	2.0	1.3	4.0	3.1	3.9	2.4	0.7
344	Structural and miscellaneous metal products.....	674	100.0	2.0	1.9	3.8	2.2	4.8	3.0	.2
3441	Structural metal products.....	306	100.0	-	2.0	3.2	1.8	5.2	.2	.5
34411	Structural metal products, iron and steel.....	306	100.0	-	2.0	3.2	1.8	5.2	.2	.5
346	Metal stampings.....	85	100.0	.5	.1	.8	15.1	1.2	1.2	8.2
3461	Metal stampings.....	85	100.0	.5	.1	.8	15.1	1.2	1.2	8.2
34619	Metal stampings, n.e.c.....	22	100.0	.8	-	.3	-	.1	.2	-
3494	Valves and pipe fittings (except plumbers' brass goods and fittings).....	68	100.0	1.0	.9	9.3	2.8	4.2	4.2	1.1
35	Machinery, except electrical.....	468	100.0	.3	-	3.8	18.2	3.3	2.9	.2
353	Construction, mining, and materials handling machinery and equipment.....	54	100.0	-	-	21.1	.3	.1	.3	-
3548	Metalworking machinery (except machine tools).....	90	100.0	1.2	-	2.7	.2	7.4	7.4	.6
36	Electrical machinery and equipment.....	375	100.0	1.2	.4	4.4	2.9	8.4	.2	2.0
361	Electrical transmission and distribution equipment.....	140	100.0	1.9	-	.5	1.7	5.3	-	.5
3629	Miscellaneous electrical industrial apparatus.....	4	100.0	.1	1.1	23.2	.8	.9	.4	.2
36299	Electrical industrial apparatus, n.e.c.....	4	100.0	.1	1.1	23.2	.8	.9	.4	.2
364	Electric lighting and wiring equipment.....	146	100.0	1.3	.7	9.2	5.3	1.6	.4	.2
37	Transportation equipment.....	332	100.0	.7	-	5.4	3.9	2.7	3.0	.1
374	Railroad equipment.....	169	100.0	-	-	.8	5.7	.2	4.1	.1
	TON-MILES OF SHIPMENTS	(millions of ton-miles)								
	Production Area 12, total.....	13,006	100.0	1.3	.6	2.2	3.8	2.5	1.1	.3
20	Food and kindred products.....	390	100.0	1.3	1.4	9.0	9.9	4.5	2.1	.5
28	Chemicals and allied products.....	846	100.0	4.5	1.0	1.2	11.7	7.2	.4	.7
281	Industrial chemicals.....	597	100.0	4.6	.4	1.6	15.4	9.1	.4	.8
2818	Miscellaneous industrial organic chemicals.....	86	100.0	3.1	-	6.7	11.6	.8	.1	3.7
2819	Miscellaneous industrial inorganic chemicals.....	25	100.0	-	-	1.1	-	-	.3	-
282	Plastic materials and plasticizers, synthetic resins, rubbers, and fibers.....	141	100.0	2.5	2.1	.1	5.0	3.3	.5	-
2821	Plastic materials and plasticizers, synthetic resins, rubbers, and fibers.....	141	100.0	2.5	2.1	.1	5.0	3.3	.5	-
28211	Plastic materials and plasticizers, synthetic resins, and nonvulcanizable elastomers.....	135	100.0	2.7	2.2	.2	5.2	3.5	.5	-
285	Paints, varnishes, lacquers, enamels, and allied products.....	14	100.0	.9	.5	1.9	.2	2.0	-	1.2
2851	Paints, varnishes, lacquers, enamels, and allied products.....	14	100.0	.9	.5	1.9	.2	2.0	-	1.2
28511	Paints, varnishes, lacquers, enamels, and shellacs.....	13	100.0	1.0	.6	2.1	.3	1.1	-	1.3
29	Petroleum and coal products.....	140	100.0	.8	.3	1.8	5.5	1.0	2.3	.1
291	Products of petroleum refining.....	92	100.0	1.2	.4	2.3	8.3	1.5	.7	.2
2911	Products of petroleum refining (except liquefied petroleum gases and petroleum coke and breeze).....	92	100.0	1.2	.4	2.3	8.3	1.5	.7	.2
29114	Lubricating oils and similar light oils and derivatives.....	21	100.0	1.3	1.7	2.5	8.8	6.4	2.2	.7

See footnotes at end of table.

TABLE 4. Percent Distribution of Commodities, by Production Area of Destination: 1967--Continued

TCC code	Commodity	Percent distribution by production area ¹ of destination—Continued									
		8 (HARR)	9 (SYRA)	10 (BUFF)	11 (CLEV)	12 ² (PITT)	13 (DETR)	14 (CINC)	15 (CHIC)	16 (MILW)	17 (M-SP)
	TONS OF SHIPMENTS--Continued										
34	Fabricated metal products.....	0.8	1.4	3.0	5.6	4.8	2.7	2.6	2.9	0.7	0.3
344	Structural and miscellaneous metal products.....	1.1	1.6	3.9	5.4	5.7	1.4	3.9	3.3	.6	.6
3441	Structural metal products.....	2.4	1.7	6.0	11.1	5.4	.1	8.5	3.7	1.3	.4
34411	Structural metal products, iron and steel.....	2.4	1.7	6.0	11.1	5.4	.1	8.5	3.7	1.3	.4
346	Metal stampings.....	1.0	.2	1.0	1.9	5.5	2.4	.8	1.5	3.3	.4
3461	Metal stampings.....	1.0	.2	1.0	1.9	5.5	2.4	.8	1.5	3.3	.4
34619	Metal stampings, n.e.c.....	3.2	-	.9	1.6	4.9	.3	.5	-	12.6	.1
3494	Valves and pipe fittings (except plumbers' brass goods and fittings).....	1.0	.2	2.8	6.2	1.8	3.8	.9	4.1	1.7	.2
35	Machinery, except electrical.....	-	.1	.8	3.5	5.1	24.0	6.7	6.8	.5	2.4
353	Construction, mining, and materials handling machinery and equipment.....	-	-	.6	4.7	9.4	-	.2	3.7	-	-
3548	Metalworking machinery (except machine tools).....	-	.2	1.8	4.1	5.0	12.7	6.0	13.1	.1	-
36	Electrical machinery and equipment.....	.8	.7	1.3	3.9	3.1	2.1	.8	2.7	.7	.8
361	Electrical transmission and distribution equipment.....	-	1.6	1.1	2.2	4.1	1.2	.4	3.8	1.8	.5
3629	Miscellaneous electrical industrial apparatus.....	.1	.1	4.1	1.5	.1	1.5	.3	12.5	-	.4
36299	Electrical industrial apparatus, n.e.c.	.1	.1	4.1	1.5	.1	1.5	.3	12.5	-	.4
364	Electric lighting and wiring equipment.	1.9	.2	1.9	3.4	3.5	2.1	1.6	.8	-	.1
37	Transportation equipment.....	3.6	.6	5.8	3.2	7.5	6.6	.3	7.3	-	-
374	Railroad equipment.....	-	1.1	4.0	5.4	14.7	.1	-	13.8	-	-
	TON-MILES OF SHIPMENTS										
	Production Area 12, total.....	.5	.5	1.4	2.9	.8	2.9	2.4	5.1	.8	.4
20	Food and kindred products.....	.5	1.1	.6	4.0	1.8	1.0	.9	2.0	-	1.5
28	Chemicals and allied products.....	1.4	.3	1.5	1.4	1.3	1.5	.7	4.2	.9	.5
281	Industrial chemicals.....	1.9	.2	1.0	1.5	1.7	.9	.6	3.6	.5	-
2818	Miscellaneous industrial organic chemicals.....	-	.6	3.4	5.6	2.9	1.3	1.8	2.3	-	-
2819	Miscellaneous industrial inorganic chemicals.....	23.2	-	-	5.5	25.1	-	4.2	-	-	-
282	Plastic materials and plasticizers, synthetic resins, rubbers, and fibers.	.5	.2	1.8	1.1	.3	1.8	.1	8.9	.9	1.1
2821	Plastic materials and plasticizers, synthetic resins, rubbers, and fibers.	.5	.2	1.8	1.1	.3	1.8	.1	8.9	.9	1.1
28211	Plastic materials and plasticizers, synthetic resins, and nonvulcanizable elastomers.....	.6	.2	1.9	1.2	.3	1.9	.1	9.3	1.0	1.2
285	Paints, varnishes, lacquers, enamels, and allied products.....	.1	.4	4.5	1.6	3.1	.4	8.4	2.3	1.2	3.1
2851	Paints, varnishes, lacquers, enamels, and allied products.....	.1	.4	4.5	1.6	3.1	.4	8.4	2.3	1.2	3.1
28511	Paints, varnishes, lacquers, enamels, and shellacs.....	.1	.2	4.9	1.8	1.8	.4	3.7	2.6	1.3	3.4
29	Petroleum and coal products.....	-	-	4.2	1.7	2.7	2.8	.6	7.8	-	-
291	Products of petroleum refining.....	-	-	1.8	2.0	4.1	.9	.4	5.0	-	-
2911	Products of petroleum refining (except liquefied petroleum gases and petroleum coke and breeze).....	-	-	1.8	2.0	4.1	.9	.4	5.0	-	-
29114	Lubricating oils and similar light oils and derivatives.....	-	-	5.5	4.3	.4	1.4	.9	14.1	-	-

See footnotes at end of table.

TABLE 4. Percent Distribution of Commodities, by Production Area of Destination: 1967--Continued

TCC code	Commodity	Percent distribution by production area ¹ of destination--Continued									Sampling vari- ability code ³
		18 (STLO)	19 (ATLA)	20 (DALL)	21 (HOUS)	22 (DENV)	23 (SETL)	24 (SANF)	25 (LOSA)	All other	
	TONS OF SHIPMENTS--Continued										
34	Fabricated metal products.....	0.5	1.1	1.6	1.0	0.6	0.1	1.9	0.4	50.6	b
344	Structural and miscellaneous metal products.....	.3	2.0	.6	1.6	1.2	.1	.3	-	48.5	c
3441	Structural metal products.....	.1	.9	1.2	3.5	1.2	.2	.7	-	38.7	c
34411	Structural metal products, iron and steel.....	.1	.9	1.2	3.5	1.2	.2	.7	-	38.7	c
346	Metal stampings.....	3.8	.2	.2	.1	-	-	3.2	2.6	44.8	d
3461	Metal stampings.....	3.8	.2	.2	.1	-	-	3.2	2.6	44.8	d
34619	Metal stampings, n.e.c.....	.1	-	-	.2	-	-	-	8.0	66.2	d
3494	Valves and pipe fittings (except plum- bers' brass goods and fittings).....	.6	1.0	.3	1.3	.7	.3	10.5	2.5	36.6	d
35	Machinery, except electrical.....	1.4	-	.1	.4	-	-	.3	2.2	17.0	d
353	Construction, mining, and materials handling machinery and equipment.....	9.1	-	-	-	-	-	-	2.1	48.4	c
3548	Metalworking machinery (except machine tools).....	.4	-	-	1.8	-	-	-	1.8	33.5	b
36	Electrical machinery and equipment.....	1.5	.7	1.0	1.3	.9	1.4	1.8	2.0	53.0	c
361	Electrical transmission and distri- bution equipment.....	1.7	.8	1.8	3.0	-	3.0	-	2.5	60.6	d
3629	Miscellaneous electrical industrial apparatus.....	.6	.1	-	.2	-	.4	.6	.8	50.0	d
36299	Electrical industrial apparatus, n.e.c.	.6	.1	-	.2	-	.4	.6	.8	50.0	d
364	Electric lighting and wiring equipment.	.7	1.0	.5	.4	2.3	.7	2.8	1.4	56.0	d
37	Transportation equipment.....	2.0	3.4	1.8	-	-	.3	1.2	1.4	39.2	c
374	Railroad equipment.....	1.9	-	-	-	-	-	-	-	48.1	d
	TON-MILES OF SHIPMENTS										
	Production Area 12, total.....	1.1	.5	.9	14.2	.2	.4	5.1	4.2	43.9	-
20	Food and kindred products.....	.2	.6	8.9	.4	-	-	-	-	47.8	-
28	Chemicals and allied products.....	.8	.7	.2	.9	-	.1	1.6	7.2	48.1	-
281	Industrial chemicals.....	.9	.1	.1	.6	-	-	-	3.4	50.7	-
2818	Miscellaneous industrial organic chemicals.....	-	-	-	.5	.1	-	-	4.4	51.1	-
2819	Miscellaneous industrial inorganic chemicals.....	-	-	.1	-	-	-	.1	.2	40.2	-
282	Plastic materials and plasticizers, synthetic resins, rubbers, and fibers.	.7	1.5	.3	2.4	-	.2	8.5	27.7	28.5	-
2821	Plastic materials and plasticizers, synthetic resins, rubbers, and fibers.	.7	1.5	.3	2.4	-	.2	8.5	27.7	28.5	-
28211	Plastic materials and plasticizers, synthetic resins, and nonvulcan- izable elastomers.....	.7	1.6	.3	2.6	-	.2	8.9	28.6	25.1	-
285	Paints, varnishes, lacquers, enamels, and allied products.....	1.2	1.2	7.7	1.6	.2	-	1.9	3.4	51.0	-
2851	Paints, varnishes, lacquers, enamels, and allied products.....	1.2	1.2	7.7	1.6	.2	-	1.9	3.4	51.0	-
28511	Paints, varnishes, lacquers, enamels, and shellacs.....	1.3	1.3	8.5	1.8	.2	-	2.1	3.8	54.4	-
29	Petroleum and coal products.....	.4	1.4	-	-	-	-	-	-	66.6	-
291	Products of petroleum refining.....	.1	.9	.1	-	-	-	-	-	70.1	-
2911	Products of petroleum refining (except liquefied petroleum gases and petro- leum coke and breeze).....	.1	.9	.1	-	-	-	-	-	70.1	-
29114	Lubricating oils and similar light oils and derivatives.....	-	4.1	-	-	.1	.1	-	-	45.5	-

See footnotes at end of table.

TABLE 4. Percent Distribution of Commodities, by Production Area of Destination: 1967 --Continued

TCC code	Commodity	Number	Percent distribution by production area ¹ of destination							
			Total	1 (BOST)	2 (HART)	3 (NYNY)	4 (N. NJ)	5 (PHIL)	6 (BALT)	7 (ALLN)
	TON-MILES OF SHIPMENTS--Continued	(millions of ton-miles)								
299	Miscellaneous petroleum and coal products.....	25	100.0	-	-	1.6	-	-	10.4	-
2991	Miscellaneous petroleum and coal products.....	25	100.0	-	-	1.6	-	-	10.4	-
307	Miscellaneous plastic products.....	22	100.0	5.8	.3	5.3	0.4	0.7	-	0.1
3071	Miscellaneous plastic products.....	22	100.0	5.8	.3	5.3	.4	.7	-	.1
32	Stone, clay, and glass products.....	828	100.0	1.6	1.2	3.8	1.8	2.4	4.5	.6
322	Glass and glassware, pressed and blown.	206	100.0	4.7	1.8	8.7	6.6	5.1	.8	.2
3229	Glass products (except flat glass and glass containers).....	37	100.0	1.5	.6	5.4	4.7	2.1	.1	-
326	Pottery and related products.....	52	100.0	3.4	4.5	2.9	1.4	1.3	1.0	.1
33	Primary metal products.....	9,565	100.0	1.0	.5	1.8	2.8	2.0	.8	.2
331	Steel works and rolling mill products..	9,316	100.0	1.0	.4	1.8	2.9	1.9	.8	.1
3311	Coke-oven and blast furnace products...	128	100.0	-	-	-	-	-	-	-
3312	Primary iron and steel products (except coke-oven products).....	9,124	100.0	1.0	.4	1.8	2.9	1.9	.8	.1
33121	Steel ingot and semifinished shapes....	164	100.0	6.2	-	.5	-	4.1	2.5	.3
33123	Sheet and strip, iron and steel (except tin mill products).....	3,682	100.0	.6	.5	2.2	2.1	1.4	.6	.1
33124	Bars, bar shapes, and rods.....	1,064	100.0	2.6	.8	.8	1.6	3.9	.5	.2
33126	Steel pipe, tubes, and fittings.....	1,307	100.0	1.3	.5	1.5	.7	1.1	.5	-
33127	Tin mill products.....	2,142	100.0	.3	.2	2.3	6.0	2.3	1.4	.2
335	Nonferrous metal basic shapes.....	19	100.0	1.1	2.3	4.8	.8	10.6	-	-
339	Miscellaneous primary metal products...	51	100.0	1.9	.3	2.6	3.3	2.9	.3	1.5
3319	Iron and steel forgings.....	33	100.0	-	.5	4.0	5.3	3.9	-	2.3
33911	Iron and steel forgings.....	33	100.0	-	.5	4.0	5.3	3.9	-	2.3
34	Fabricated metal products.....	547	100.0	2.4	1.3	3.2	2.4	2.5	1.3	.5
344	Structural and miscellaneous metal products.....	247	100.0	2.7	2.2	3.5	1.9	3.5	1.8	.2
3441	Structural metal products.....	116	100.0	-	2.1	2.8	1.4	3.6	.1	.3
34411	Structural metal products, iron and steel.....	115	100.0	-	2.1	2.8	1.4	3.6	.1	.3
346	Metal stampings.....	36	100.0	.6	.1	.7	12.1	.8	.7	5.4
3461	Metal stampings.....	36	100.0	.6	.1	.7	12.1	.8	.7	5.4
34619	Metal stampings, n.e.c.....	10	100.0	.8	-	.2	-	-	.1	-
3494	Valves and pipe fittings (except plumbers' brass goods and fittings).....	44	100.0	.7	.5	4.6	1.3	1.6	1.4	.4
35	Machinery, except electrical.....	170	100.0	.3	-	3.4	14.7	2.4	1.6	.1
353	Construction, mining, and materials handling machinery and equipment.....	22	100.0	-	-	16.6	.3	.1	.2	-
3548	Metalworking machinery (except machine tools).....	31	100.0	1.7	-	2.5	.2	5.5	4.3	.4
36	Electrical machinery and equipment.....	203	100.0	1.0	.3	2.7	1.7	4.2	.1	.9
361	Electrical transmission and distribution equipment.....	87	100.0	1.4	-	.3	.8	2.1	-	.2
3629	Miscellaneous electrical industrial apparatus.....	2	100.0	.2	1.1	27.2	.7	.6	.2	.2
36299	Electrical industrial apparatus, n.e.c.	2	100.0	.2	1.1	27.2	.7	.6	.2	.2
364	Electric lighting and wiring equipment.	72	100.0	1.2	.5	6.1	3.3	.9	.2	.1
37	Transportation equipment.....	126	100.0	.9	-	4.5	3.3	1.6	1.6	-
374	Railroad equipment.....	43	100.0	.1	.1	1.0	7.3	.2	3.3	.1

See footnotes at end of table.

TABLE 4. Percent Distribution of Commodities, by Production Area of Destination: 1967--Continued

TCC code	Commodity	Percent distribution by production area ¹ of destination--Continued									
		8 (HARR)	9 (SYRA)	10 (BUFF)	11 (CLEV)	12 ² (PITT)	13 (DETR)	14 (CINC)	15 (CHIC)	16 (MILW)	17 (M-SP)
	TON-MILES OF SHIPMENTS--Continued										
299	Miscellaneous petroleum and coal products.....	-	-	16.7	1.6	0.1	12.2	-	23.2	-	-
2991	Miscellaneous petroleum and coal products.....	-	-	16.7	1.6	.1	12.2	-	23.2	-	-
307	Miscellaneous plastic products.....	-	0.1	3.9	1.5	.1	.9	0.7	3.3	-	-
3071	Miscellaneous plastic products.....	-	.1	3.9	1.5	.1	.9	.7	3.3	-	-
32	Stone, clay, and glass products.....	0.4	.8	2.7	18.5	1.2	1.9	1.5	8.7	0.5	2.2
322	Glass and glassware, pressed and blown.	.8	2.3	3.3	2.7	.1	1.6	1.1	14.9	.5	3.6
3229	Glass products (except flat glass and glass containers).....	-	.1	1.6	1.5	-	.2	.5	2.1	.3	2.0
326	Pottery and related products.....	-	-	.2	.2	.3	.2	.9	9.7	.1	.4
33	Primary metal products.....	.5	.5	1.3	1.9	.6	3.1	2.8	5.0	.9	.1
331	Steel works and rolling mill products..	.5	.4	1.2	1.8	.5	3.0	2.8	4.9	.9	.1
3311	Coke-oven and blast furnace products...	-	-	-	-	4.5	2.0	-	23.9	-	-
3312	Primary iron and steel products (except coke-oven products).....	.5	.4	1.3	1.8	.4	3.0	2.9	4.6	.9	.1
33121	Steel ingot and semifinished shapes....	-	1.6	4.2	3.9	1.1	6.2	-	21.2	1.0	-
33123	Sheet and strip, iron and steel (except tin mill products).....	.4	.9	.9	2.0	.4	5.2	1.9	2.9	.1	.3
33124	Bars, bar shapes, and rods.....	1.0	.3	.3	3.2	.6	5.3	3.0	8.6	1.8	-
33126	Steel pipe, tubes, and fittings.....	.7	-	.2	.3	.2	1.0	.3	3.0	.8	.1
33127	Tin mill products.....	.6	-	2.3	.5	.2	-	6.7	6.0	1.0	-
335	Nonferrous metal basic shapes.....	.6	7.8	2.4	3.1	-	.4	.2	11.9	2.0	2.8
339	Miscellaneous primary metal products...	-	5.3	-	1.8	1.5	15.5	.4	3.6	.1	.1
3391	Iron and steel forgings.....	-	8.3	-	2.6	2.2	24.3	.6	5.7	.2	.1
33911	Iron and steel forgings.....	-	8.3	-	2.6	2.2	24.3	.6	5.7	.2	.1
34	Fabricated metal products.....	.4	1.1	1.5	1.4	.3	1.3	1.5	2.8	.8	.6
344	Structural and miscellaneous metal products.....	.6	1.5	2.2	1.4	.4	.7	2.6	3.5	.7	1.2
3441	Structural metal products.....	1.2	1.6	3.3	2.7	.4	.1	5.5	3.8	1.5	.7
34411	Structural metal products, iron and steel.....	1.2	1.6	3.3	2.7	.4	.1	5.5	3.8	1.5	.7
346	Metal stampings.....	.4	.2	.5	.5	.3	1.0	.4	1.3	3.7	.8
3461	Metal stampings.....	.4	.2	.5	.5	.3	1.0	.4	1.3	3.7	.8
34619	Metal stampings, n.e.c.....	1.0	-	.4	.4	.5	.1	.3	-	13.5	.1
3494	Valves and pipe fittings (except plumbers' brass goods and fittings).....	.3	.1	.9	1.1	.1	1.2	.3	2.7	1.2	.2
35	Machinery, except electrical.....	-	.1	.4	.9	.4	14.9	3.9	7.6	.6	4.9
353	Construction, mining, and materials handling machinery and equipment.....	-	-	.3	1.0	1.0	.2	.1	3.7	-	.1
3548	Metalworking machinery (except machine tools).....	-	.1	.9	1.2	.4	7.7	4.3	15.1	.1	-
36	Electrical machinery and equipment.....	.3	.4	.5	.7	.1	.8	.4	2.2	.6	1.1
361	Electrical transmission and distribution equipment.....	-	.9	.4	.4	.2	.4	.2	2.7	1.3	.6
3629	Miscellaneous electrical industrial apparatus.....	-	.1	2.3	.5	-	.9	.2	14.5	-	.9
36299	Electrical industrial apparatus, n.e.c.	-	.1	2.3	.5	-	.9	.2	14.5	-	.9
364	Electric lighting and wiring equipment.	.8	.1	.8	.4	.2	.9	.8	.7	-	.2
37	Transportation equipment.....	1.5	.5	2.8	1.0	.5	4.3	.2	7.6	-	-
374	Railroad equipment.....	-	1.5	3.0	2.5	1.5	.1	-	21.7	-	-

See footnotes at end of table.

TABLE 4. Percent Distribution of Commodities, by Production Area of Destination: 1967--Continued

TCC code	Commodity	Percent distribution by production area ¹ of destination--Continued									Sampling variability code ³
		18 (STLO)	19 (ATLA)	20 (DALL)	21 (HOUS)	22 (DENV)	23 (SETL)	24 (SANF)	25 (LOSA)	All other	
	TON-MILES OF SHIPMENTS--Continued										
299	Miscellaneous petroleum and coal products.....	-	-	-	-	-	-	-	-	34.2	-
2991	Miscellaneous petroleum and coal products.....	-	-	-	-	-	-	-	-	34.2	-
307	Miscellaneous plastic products.....	8.9	5.2	0.4	0.3	-	-	-	5.4	56.7	-
3071	Miscellaneous plastic products.....	8.9	5.2	.4	.3	-	-	-	5.4	56.7	-
32	Stone, clay, and glass products.....	1.0	.3	.9	.3	0.2	0.2	1.0	12.1	29.7	-
322	Glass and glassware, pressed and blown.	.6	.3	.5	.1	.4	.3	.6	2.9	35.5	-
3229	Glass products (except flat glass and glass containers).....	3.5	1.7	2.6	.3	2.1	1.8	3.4	16.2	45.7	-
326	Pottery and related products.....	1.5	.7	2.0	2.7	.5	.5	.5	10.0	55.0	-
33	Primary metal products.....	1.1	.3	.4	18.9	-	.3	5.8	3.3	44.1	-
331	Steel works and rolling mill products..	1.1	.3	.4	19.4	-	.3	5.9	3.3	44.3	-
3311	Coke-oven and blast furnace products...	-	-	-	-	-	-	-	-	69.6	-
3312	Primary iron and steel products (except coke-oven products).....	1.1	.3	.4	19.8	-	.3	6.0	3.3	44.0	-
33121	Steel ingot and semifinished shapes....	-	-	7.4	6.1	-	-	-	.9	32.8	-
33123	Sheet and strip, iron and steel (except tin mill products).....	1.1	.1	-	27.7	-	-	-	.1	48.5	-
33124	Bars, bar shapes, and rods.....	.2	-	-	23.6	-	.9	2.2	8.6	30.0	-
33126	Steel pipe, tubes, and fittings.....	.4	2.0	2.0	2.6	.1	1.1	1.3	6.6	71.7	-
33127	Tin mill products.....	2.3	-	-	21.9	-	-	20.9	4.4	20.5	-
335	Nonferrous metal basic shapes.....	3.6	.1	.4	6.1	-	.7	-	5.7	32.6	-
339	Miscellaneous primary metal products...	-	-	.6	.3	-	-	1.9	6.7	49.4	-
3391	Iron and steel forgings.....	-	-	.9	.4	-	-	3.0	10.6	25.1	-
33911	Iron and steel forgings.....	-	-	.9	.4	-	-	3.0	10.6	25.1	-
34	Fabricated metal products.....	.6	1.4	4.2	2.8	2.0	.6	10.2	2.1	50.8	-
344	Structural and miscellaneous metal products.....	.4	2.7	1.6	4.9	4.3	.7	2.0	.2	52.6	-
3441	Structural metal products.....	.2	1.3	3.1	10.2	4.4	1.3	4.2	-	44.2	-
34411	Structural metal products, iron and steel.....	.2	1.3	3.1	10.3	4.4	1.3	4.2	-	44.1	-
346	Metal stampings.....	4.6	.3	.5	.3	-	-	17.1	13.0	34.7	-
3461	Metal stampings.....	4.6	.3	.5	.3	-	-	17.1	13.0	34.7	-
3469	Metal stampings, n.e.c.....	.1	-	-	.6	-	-	-	39.1	42.8	-
3494	Valves and pipe fittings (except plumbers' brass goods and fittings).....	.5	.8	.5	2.2	1.4	1.1	36.0	8.3	30.6	-
35	Machinery, except electrical.....	2.1	-	.3	1.1	.1	.1	1.8	12.9	25.4	-
353	Construction, mining, and materials handling machinery and equipment.....	12.5	-	-	.1	-	-	.1	11.2	52.5	-
3548	Metalworking machinery (except machine tools).....	.7	-	-	5.9	-	-	-	11.1	37.9	-
36	Electrical machinery and equipment.....	1.5	.7	2.0	2.8	2.1	5.6	7.5	7.8	52.0	-
361	Electrical transmission and distribution equipment.....	1.5	.7	3.2	5.5	-	10.4	.1	8.4	58.3	-
3629	Miscellaneous electrical industrial apparatus.....	1.0	.1	.1	.7	.1	2.2	3.8	4.8	37.6	-
36299	Electrical industrial apparatus, n.e.c.	1.0	.1	.1	.7	.1	2.2	3.8	4.8	37.6	-
364	Electric lighting and wiring equipment.	.8	1.0	1.0	1.0	6.0	3.1	12.9	6.0	51.0	-
37	Transportation equipment.....	2.8	4.6	5.3	.1	-	1.6	7.2	8.0	40.1	-
374	Railroad equipment.....	4.1	-	-	-	-	-	-	-	53.5	-

¹Designations below the area numbers are used to help identify the area. Descriptions of production areas appear on page 4.

²Includes only those shipments that originated in one city in this area and terminated in another city in this area. Does not include shipments originating and terminating in the same city.

³Code letter indicates a sampling variability range as follows: a, 0-9 percent; b, 10-19 percent; c, 20-29 percent; and d, 30-50 percent. The variability for ton-miles has not been estimated.

PRODUCTION AREA 13

Consists of four Standard Metropolitan Statistical Areas:
Detroit, Mich.; Flint, Mich.; Toledo, Ohio-Mich.; and Ann
Arbor, Mich.

SUMMARY

The estimates of tons and ton-miles are based on reports from a sample of shipments by approximately 460 manufacturing establishments located in this Production Area. The total tons and ton-miles represent the total inter-city shipments by essentially all manufacturing establishments in the area, except for plants with less than 20 employees. However, since the data are based on a sample, the estimates necessarily are subject to "sampling variability."

The approximate degree of sampling variability for tons for each commodity or commodity class is indicated in the last column of tables 1 to 4. In general, most of the commodity data in this report are subject to substantial sampling variability and should be treated as approximate rather than precise measures.

About 41.4 million tons of commodities were shipped by plants in this area to destinations beyond the local area. These shipments generated 11.5 billion ton-miles by all means of transport combined, and averaged about 277 straight-line miles per ton shipped.

Rail is the dominant means of transport, hauling slightly over 48 percent of the total tons. When measured in terms of ton-miles rather than tons, rail is still dominant, accounting for over 70 percent of the total ton-miles.

As shown in tables A, B, and C, petroleum and coal products, as a result of their large volume and unusual traffic pattern, have a marked influence on the distribution of shipments. Consequently, two totals are shown: (1) All commodities combined, and (2) the total exclusive of petroleum and coal products. The influence of these products is most evident in connection with shipments by water, as measured by both tons and ton-miles (see table A).

Comparisons between 1967 and 1963 data are presented in tables A through D. The 1967 survey is comparable with 1963, except for the exclusion from the survey, in 1967, of plants with less than 20 employees. Nationally, those plants accounted for only 4 percent of the total tons originated in the 1963 survey.

Table A. PERCENT DISTRIBUTION OF SHIPMENTS
BY MEANS OF TRANSPORT

Means of transport	All commodities		All commodities except petroleum and coal products	
	1967	1963	1967	1963
Tons of shipments.....millions..	41.4	35.4	36.5	33.5
Ton-miles.....billions..	11.5	11.4	10.9	11.1
TONS OF SHIPMENTS				
	Percent distribution			
All means of transport.....	100.0	100.0	100.0	100.0
Rail.....	48.3	45.6	49.6	47.5
Motor carrier.....	36.5	29.5	37.9	29.6
Private truck.....	11.3	21.6	12.2	22.0
Air.....	.1	.1	.1	.1
Water.....	3.1	2.8	.1	.4
Other.....	.7	.4	.1	.4
TON-MILES				
All means of transport.....	100.0	100.0	100.0	100.0
Rail.....	70.4	72.2	71.5	73.6
Motor carrier.....	23.2	20.1	23.6	20.4
Private truck.....	3.8	4.9	3.8	4.8
Air.....	.4	.2	.4	.2
Water.....	1.4	2.2	.3	.6
Other.....	.8	.4	.4	.4

Note: Ton-miles are the product of weight times distance on a straight-line distance basis.

Table C. PERCENT DISTRIBUTION OF SHIPMENTS
BY DISTANCE OF SHIPMENT

Means of transport	All commodities		All commodities except petroleum and coal products	
	1967	1963	1967	1963
TONS OF SHIPMENTS				
All distances.....	100.0	100.0	100.0	100.0
Under 100 miles.....	41.8	38.3	39.2	37.3
100 to 199 miles.....	13.2	11.4	11.9	11.5
200 to 299 miles.....	16.2	15.0	16.7	14.3
300 to 499 miles.....	14.3	18.4	15.9	19.0
500 to 999 miles.....	9.8	10.9	11.0	11.5
1,000 to 1,499 miles.....	1.9	1.4	2.1	1.5
1,500 miles and over.....	2.8	4.6	3.2	4.9

Table B. AVERAGE LENGTH OF HAUL
BY MEANS OF TRANSPORT
(Straight-line miles)

Means of transport	All commodities		All commodities except petroleum and coal products	
	1967	1963	1967	1963
All means of transport.....	277	322	298	332
Rail.....	404	512	429	515
Motor carrier.....	176	220	186	293
Private truck.....	93	73	93	73

Note: Average length of haul is based on straight-line miles from plant to customer or redistribution point, weighted by tonnage shipped (i.e., ton-miles divided by tons). Rail short-line and highway direct-route distances average about 24 and 21 percent, respectively, longer than straight-line distances.

Table D. PERCENT DISTRIBUTION OF SHIPMENTS
BY AREA OF DESTINATION

Area of destination	1967	1963
Tons of shipments.....thousands..	41,411	35,443
Ton-miles.....millions..	11,483	11,425
TONS OF SHIPMENTS		
	Percent distribution	
All areas.....	100.0	100.0
Production Area 13 ¹	28.5	26.9
Other production areas.....	35.8	37.7
All other areas.....	35.7	35.4
TON-MILES		
All areas.....	100.0	100.0
Production Area 13 ¹	3.3	2.2
Other production areas.....	55.1	60.9
All other areas.....	41.6	36.9

¹Includes only those shipments that originated in one city in this area and terminated in another city in this area.

TABLE 1. Percent Distribution of Commodities, by Means of Transport: 1967

TCC code	Commodity	Number	Percent distribution by means of transport								Sampling variability code ¹
			All means of transport	Rail	Motor carrier	Private truck	Air	Water	Other	Unknown	
	TONS OF SHIPMENTS	(thousands of tons)									
	Production Area 13, total.....	41,411	100.0	48.3	36.5	11.3	0.1	3.1	0.1	0.6	-
20	Food and kindred products.....	2,182	100.0	25.6	21.2	53.1	-	.1	-	-	b
208	Beverages and flavoring extracts.....	1,029	100.0	6.2	17.7	75.8	-	.2	-	.1	a
2086	Bottled and canned soft drinks and carbonated, mineral, and plain waters....	315	100.0	-	15.1	84.9	-	-	-	-	b
20861	Bottled and canned soft drinks and carbonated, mineral, and plain waters....	315	100.0	-	15.1	84.9	-	-	-	-	b
26	Pulp, paper, and allied products.....	1,158	100.0	43.9	24.7	31.4	-	-	-	-	c
265	Containers, boxes and related products, paperboard, fiberboard, and pulpboard.	378	100.0	2.1	22.9	75.0	-	-	-	-	d
2651	Containers, boxes, baskets, pallets and skids, paperboard, fiberboard, and pulpboard.....	374	100.0	2.1	22.0	75.9	-	-	-	-	d
26511	Containers and boxes, paperboard, fiberboard, and pulpboard.....	373	100.0	2.1	22.0	75.9	-	-	-	-	d
282	Plastic materials and plasticizers, synthetic resins, rubbers, and fibers.	254	100.0	15.0	83.3	1.6	.1	-	-	-	c
2821	Plastic materials and plasticizers, synthetic resins, rubbers, and fibers.	254	100.0	15.0	83.3	1.6	.1	-	-	-	c
28211	Plastic materials and plasticizers, synthetic resins, and nonvulcanizable elastomers.....	254	100.0	15.0	83.3	1.6	.1	-	-	-	c
284	Soap and detergents, cleaning preparations, perfumes, cosmetics, and other toilet preparations.....	113	100.0	19.8	64.4	15.8	-	-	-	-	d
285	Paints, varnishes, lacquers, enamels, and allied products.....	219	100.0	13.9	85.4	.1	.2	-	.2	.2	c
2851	Paints, varnishes, lacquers, enamels, and allied products.....	219	100.0	13.9	85.4	.1	.2	-	.2	.2	c
28511	Paints, varnishes, lacquers, enamels and shellacs.....	217	100.0	14.0	85.5	.1	.2	-	.2	-	c
29	Petroleum and coal products.....	4,950	100.0	38.7	26.0	4.8	-	25.4	-	5.1	d
291	Products of petroleum refining.....	2,821	100.0	19.9	30.6	4.3	-	44.6	-	.6	d
2911	Products of petroleum refining (except liquefied petroleum gases and petroleum coke and breeze).....	2,530	100.0	17.4	28.5	3.7	-	49.8	-	.6	d
29113	Distillate fuel oil.....	211	100.0	8.0	38.7	8.3	-	44.1	-	.9	d
29119	Products of petroleum refining, n.e.c..	131	100.0	40.5	46.7	11.9	-	-	-	.9	b
299	Miscellaneous petroleum and coal products.....	1,905	100.0	70.1	13.8	3.6	-	-	-	12.5	d
2991	Miscellaneous petroleum and coal products.....	1,905	100.0	70.1	13.8	3.6	-	-	-	12.5	d
30	Rubber and miscellaneous plastics products.....	261	100.0	32.5	64.0	2.9	.3	.2	.1	-	b
307	Miscellaneous plastic products.....	70	100.0	2.5	85.3	10.3	1.0	.7	.2	-	d
3071	Miscellaneous plastic products.....	70	100.0	2.5	85.3	10.3	1.0	.7	.2	-	d
30714	Unsupported vinyl and polyethylene film and sheeting.....	17	100.0	9.7	90.0	.3	-	-	-	-	c
32	Stone, clay, and glass products.....	3,646	100.0	6.5	84.9	8.5	-	-	.1	-	c
32113	Laminated and safety glass.....	213	100.0	76.0	18.6	4.4	-	-	1.0	-	c
327	Concrete, gypsum, plaster, and plaster products.....	505	100.0	.7	65.3	34.0	-	-	-	-	c
3271	Concrete products.....	505	100.0	.7	65.3	34.0	-	-	-	-	c
33	Primary metal products.....	8,270	100.0	46.7	45.6	7.7	-	-	-	-	c
331	Steel works and rolling mill products..	7,381	100.0	51.5	46.6	1.9	-	-	-	-	c
3312	Primary iron and steel products (except coke-oven products).....	5,513	100.0	46.7	52.7	.6	-	-	-	-	s

See footnote at end of table.

TABLE 1. Percent Distribution of Commodities, by Means of Transport: 1967--Continued

TCC code	Commodity	Number	Percent distribution by means of transport								Sampling variability code ¹
			All means of transport	Rail	Motor carrier	Private truck	Air	Water	Other	Unknown	
	TONS OF SHIPMENTS--Continued	(thousands of tons)									
33123	Sheet and strip, iron and steel (except tin mill products).....	4,878	100.0	46.6	52.9	0.5	-	-	-	-	a
33124	Bars, bar shapes, and rods.....	266	100.0	12.8	86.1	1.1	-	-	-	-	c
335	Nonferrous metal basic shapes.....	76	100.0	3.2	82.7	13.4	-	-	0.1	0.6	b
336	Nonferrous and nonferrous base alloy castings.....	85	100.0	6.4	73.0	19.5	1.1	-	-	-	d
3369	Miscellaneous nonferrous metal castings.....	63	100.0	6.1	79.2	13.3	1.4	-	-	-	d
33692	Zinc and zinc base alloy castings.....	63	100.0	6.2	78.9	13.4	1.5	-	-	-	d
339	Miscellaneous primary metal products....	200	100.0	9.5	48.8	41.7	-	-	-	-	c
3391	Iron and steel forgings.....	176	100.0	6.2	48.9	44.9	-	-	-	-	c
33911	Iron and steel forgings.....	176	100.0	6.2	48.9	44.9	-	-	-	-	c
34	Fabricated metal products.....	1,915	100.0	20.3	51.1	27.1	.3	-	1.1	.1	b
344	Structural and miscellaneous metal products.....	326	100.0	29.2	47.5	18.8	-	-	4.4	.1	d
3441	Structural metal products.....	114	100.0	34.4	21.4	44.0	-	-	-	.2	c
34411	Structural metal products, iron and steel.....	114	100.0	34.4	21.4	44.0	-	-	-	.2	c
3444	Sheet metal products.....	27	100.0	16.5	80.5	3.0	-	-	-	-	d
345	Bolts, nuts, screws, rivets, washers, and other industrial fasteners.....	232	100.0	-	93.4	6.1	.2	-	.3	-	c
3452	Bolts, nuts, screws, rivets, washers, and other industrial fasteners.....	232	100.0	-	93.4	6.1	.2	-	.3	-	c
34521	Bolts, nuts, screws, rivets, and washers.....	226	100.0	-	93.3	6.1	.2	-	.4	-	c
346	Metal stampings.....	840	100.0	29.0	32.3	37.4	.4	-	.6	.3	b
3461	Metal stampings.....	840	100.0	29.0	32.3	37.4	.4	-	.6	.3	b
34613	Automobile stampings.....	745	100.0	32.4	26.6	39.6	.4	-	.7	.3	b
34615	Metal boxes, baskets, buckets, pails, and crates, except shipping.....	5	100.0	-	90.7	9.3	-	-	-	-	d
34619	Metal stampings, n.e.c.....	73	100.0	4.2	75.2	20.4	.2	-	-	-	d
349	Miscellaneous fabricated metal products.....	174	100.0	14.8	57.9	27.0	.3	-	-	-	d
3491	Metal barrels, drums, kegs, and pails...	14	100.0	-	91.2	8.8	-	-	-	-	d
34912	Steel shipping pails, barrels, drums, and kegs.....	13	100.0	-	96.7	3.3	-	-	-	-	d
35	Machinery, except electrical.....	592	100.0	10.9	77.9	6.2	.9	-	4.0	.1	b
3535	Conveyors and conveying equipment (except hoists and farm elevators).....	13	100.0	3.3	96.4	.3	-	-	-	-	b
35351	Conveyors and conveying equipment and parts, except hoists and farm elevators	13	100.0	3.3	96.4	.3	-	-	-	-	b
3537	Industrial trucks, tractors, trailers, stackers, and metal skids, pallets, and platforms.....	18	100.0	41.6	47.9	10.5	-	-	-	-	c
354	Metalworking machinery and equipment....	174	100.0	3.4	79.8	3.3	.5	-	13.0	-	b
3541	Machine tools, metal cutting types.....	60	100.0	4.6	89.6	3.0	.4	-	2.4	-	d
35412	Machine tools, metal cutting types.....	60	100.0	4.6	89.6	3.0	.4	-	2.4	-	d
3544	Special dies and tools, die sets, jigs, fixtures, and industrial molds and patterns.....	80	100.0	4.0	68.3	3.6	.3	-	23.8	-	d
35441	Special dies and tools, die sets, jigs, and fixtures.....	80	100.0	4.0	68.3	3.6	.3	-	23.8	-	d
3545	Machine tool accessories, measuring tools, and measuring devices.....	14	100.0	-	78.1	4.6	2.6	-	14.6	.1	d
35451	Small cutting tools for machine tools and metalworking machinery.....	14	100.0	-	78.1	4.6	2.6	-	14.6	.1	d
3548	Metalworking machinery (except machine tools).....	66	100.0	-	94.9	4.9	.2	-	-	-	c
356	General industrial machinery and equipment.....	40	100.0	.1	96.1	2.1	.7	-	.8	.2	d

See footnote at end of table.

TABLE 1. Percent Distribution of Commodities, by Means of Transport: 1967--Continued

TCC code	Commodity	Number	Percent distribution by means of transport								Sampling variability code ¹
			All means of transport	Rail	Motor carrier	Private truck	Air	Water	Other	Unknown	
	TONS OF SHIPMENTS--Continued	(thousands of tons)									
357	Office, computing, and accounting machines.....	10	100.0	4.7	68.5	6.4	17.1	-	3.3	-	c
359	Miscellaneous machinery and parts (except electrical).....	62	100.0	.1	85.9	12.4	.5	0.1	.7	0.3	b
3599	Miscellaneous machinery and parts (except electrical).....	62	100.0	.1	85.9	12.4	.5	.1	.7	.3	b
35999	Machinery and parts, n.e.c. (except electrical).....	51	100.0	.1	92.8	5.9	.2	.2	.8	-	c
36	Electrical machinery and equipment.....	301	100.0	6.9	66.2	23.6	1.3	1.3	.7	-	d
3621	Motors and generators.....	35	100.0	48.1	32.7	18.6	.1	-	.5	-	d
36211	Motors.....	1	100.0	-	65.2	34.8	-	-	-	-	d
366	Communication equipment.....	7	100.0	36.7	45.5	14.2	1.7	-	1.9	-	d
37	Transportation equipment.....	10,483	100.0	65.6	28.8	5.2	.3	.1	-	-	a
371	Motor vehicles and motor vehicle equipment.....	10,385	100.0	65.4	29.0	5.2	.3	.1	-	-	a
3711	Motor vehicles.....	4,144	100.0	55.3	43.5	1.1	-	.1	-	-	a
37112	Truck tractors and trucks, assembled...	541	100.0	42.2	50.6	7.2	-	-	-	-	a
3714	Motor vehicle parts and accessories....	6,239	100.0	72.2	19.3	8.0	.5	-	-	-	a
37148	Motor vehicle wheels and parts.....	824	100.0	54.6	37.8	7.4	.2	-	-	-	a
38	Instruments, photographic goods, optical goods, watches, and clocks.....	31	100.0	1.4	81.2	3.6	1.0	-	12.8	-	d
	TON-MILES OF SHIPMENTS	(millions of ton-miles)									
	Production Area 13, total.....	11,483	100.0	70.4	23.2	3.8	.4	1.4	.3	.5	-
20	Food and kindred products.....	382	100.0	44.1	26.2	29.3	-	.3	-	.1	-
208	Beverages and flavoring extracts.....	138	100.0	18.3	23.6	57.2	-	.7	-	.2	-
2086	Bottled and canned soft drinks and carbonated, mineral, and plain waters....	23	100.0	-	10.0	90.0	-	-	-	-	-
20861	Bottled and canned soft drinks and carbonated, mineral, and plain waters....	23	100.0	-	10.0	90.0	-	-	-	-	-
26	Pulp, paper, and allied products.....	216	100.0	58.0	28.5	13.5	-	-	-	-	-
265	Containers, boxes and related products, paperboard, fiberboard, and pulpboard.	33	100.0	14.9	29.2	55.9	-	-	-	-	-
2651	Containers, boxes, baskets, pallets and skids, paperboard, fiberboard, and pulpboard.....	33	100.0	15.1	28.3	56.6	-	-	-	-	-
26511	Containers and boxes, paperboard, fiberboard, and pulpboard.....	33	100.0	15.2	28.2	56.6	-	-	-	-	-
282	Plastic materials and plasticizers, synthetic resins, rubbers, and fibers.	89	100.0	25.8	72.1	2.0	.1	-	-	-	-
2821	Plastic materials and plasticizers, synthetic resins, rubbers, and fibers.	89	100.0	25.8	72.1	2.0	.1	-	-	-	-
28211	Plastic materials and plasticizers, synthetic resins, and nonvulcanizable elastomers.....	89	100.0	25.8	72.1	2.0	.1	-	-	-	-
284	Soap and detergents cleaning preparations, perfumes, cosmetics, and other toilet preparations.....	49	100.0	42.7	50.7	6.6	-	-	-	-	-
285	Paints, varnishes, lacquers, enamels, and allied products.....	74	100.0	24.1	75.0	-	.3	-	.5	.1	-
2851	Paints, varnishes, lacquers, enamels, and allied products.....	74	100.0	24.1	75.0	-	.3	-	.5	.1	-
28511	Paints, varnishes, lacquers, enamels, and shellacs.....	73	100.0	24.4	74.8	-	.3	-	.5	-	-

See footnote at end of table.

TABLE 1. Percent Distribution of Commodities, by Means of Transport: 1967--Continued

TCC code	Commodity	Number	Percent distribution by means of transport								Sampling variability code ¹
			All means of transport	Rail	Motor carrier	Private truck	Air	Water	Other	Unknown	
	TON-MILES OF SHIPMENTS--Continued	(millions of ton-miles)									
29	Petroleum and coal products.....	613	100.0	51.9	15.3	3.4	-	20.8	-	8.6	-
291	Products of petroleum refining.....	278	100.0	28.8	21.8	3.3	-	45.7	-	.4	-
2911	Products of petroleum refining (except liquefied petroleum gases and petroleum coke and breeze).....	246	100.0	24.9	20.2	2.8	-	51.7	-	.4	-
29113	Distillate fuel oil.....	33	100.0	2.2	14.2	3.7	-	79.7	-	.2	-
29119	Products of petroleum refining, n.e.c..	18	100.0	54.9	32.8	11.9	-	-	-	.4	-
299	Miscellaneous petroleum and coal products.....	319	100.0	73.3	7.3	3.2	-	-	-	16.2	-
2991	Miscellaneous petroleum and coal products.....	319	100.0	73.3	7.3	3.2	-	-	-	16.2	-
30	Rubber and miscellaneous plastics products.....	84	100.0	34.0	65.0	.2	0.5	.2	0.1	-	-
307	Miscellaneous plastic products.....	17	100.0	2.7	92.8	.9	2.4	1.1	.1	-	-
3071	Miscellaneous plastic products.....	17	100.0	2.7	92.8	.9	2.4	1.1	.1	-	-
30714	Unsupported vinyl and polyethylene film and sheeting.....	5	100.0	9.1	90.9	-	-	-	-	-	-
32	Stone, clay, and glass products.....	360	100.0	36.6	59.0	3.8	-	-	.6	-	-
32113	Laminated and safety glass.....	74	100.0	82.2	12.5	2.6	-	-	2.7	-	-
327	Concrete, gypsum, plaster, and plaster products.....	19	100.0	11.3	60.8	27.9	-	-	-	-	-
3271	Concrete products.....	19	100.0	11.3	60.8	27.9	-	-	-	-	-
33	Primary metal products.....	1,548	100.0	65.5	32.3	2.1	.1	-	-	-	-
331	Steel works and rolling mill products..	1,433	100.0	69.5	29.8	.7	-	-	-	-	-
3312	Primary iron and steel products (except coke-oven products).....	878	100.0	60.2	39.6	.2	-	-	-	-	-
33123	Sheet and strip, iron and steel (except tin mill products).....	766	100.0	61.6	38.2	.2	-	-	-	-	-
33124	Bars, bar shapes, and rods.....	42	100.0	3.3	96.6	.1	-	-	-	-	-
335	Nonferrous metal basic shapes.....	22	100.0	10.7	81.3	7.6	.2	-	.1	.1	-
336	Nonferrous and nonferrous base alloy castings.....	23	100.0	2.8	86.1	8.3	2.8	-	-	-	-
3369	Miscellaneous nonferrous metal castings	19	100.0	1.1	89.7	5.8	3.4	-	-	-	-
33692	Zinc and zinc base alloy castings.....	18	100.0	1.1	89.7	5.8	3.4	-	-	-	-
339	Miscellaneous primary metal products...	31	100.0	16.5	73.0	10.3	-	-	.2	-	-
3391	Iron and steel forgings.....	22	100.0	18.1	72.7	9.0	-	-	.2	-	-
33911	Iron and steel forgings.....	22	100.0	18.1	72.7	9.0	-	-	.2	-	-
34	Fabricated metal products.....	664	100.0	32.6	59.5	4.8	.7	-	2.4	-	-
344	Structural and miscellaneous metal products.....	157	100.0	51.7	35.1	4.0	-	-	9.2	-	-
3441	Structural metal products.....	12	100.0	49.6	25.6	24.8	-	-	-	-	-
34411	Structural metal products, iron and steel.....	12	100.0	49.6	25.6	24.8	-	-	-	-	-
3444	Sheet metal products.....	8	100.0	25.9	73.6	.5	-	-	-	-	-
345	Bolts, nuts, screws, rivets, washers, and other industrial fasteners.....	42	100.0	-	97.3	1.5	.9	-	.3	-	-
3452	Bolts, nuts, screws, rivets, washers, and other industrial fasteners.....	42	100.0	-	97.3	1.5	.9	-	.3	-	-
34521	Bolts, nuts, screws, rivets, and washers.....	41	100.0	-	97.3	1.5	.9	-	.3	-	-
346	Metal stampings.....	202	100.0	52.0	39.9	6.8	1.0	-	.2	.1	-
3461	Metal stampings.....	202	100.0	52.0	39.9	6.8	1.0	-	.2	.1	-
34613	Automobile stampings.....	179	100.0	57.9	34.1	6.7	1.0	-	.2	.1	-
34615	Metal boxes, baskets, buckets, pails, and crates, except shipping.....	1	100.0	-	99.1	.9	-	-	-	-	-
34619	Metal stampings, n.e.c.....	18	100.0	7.0	85.5	6.9	.6	-	-	-	-

See footnote at end of table.

TABLE 1. Percent Distribution of Commodities, by Means of Transport: 1967--Continued

TCC code	Commodity	Number	Percent distribution by means of transport								Sampling variability code ¹
			All means of transport	Rail	Motor carrier	Private truck	Air	Water	Other	Unknown	
	TON-MILES OF SHIPMENTS--Continued	(millions of ton-miles)									
349	Miscellaneous fabricated metal products	54	100.0	34.0	58.2	7.1	0.7	-	-	-	-
3491	Metal barrels, drums, kegs, and pails..	2	100.0	-	98.3	1.7	-	-	-	-	-
34912	Steel shipping pails, barrels, drums, and kegs.....	2	100.0	-	99.5	.5	-	-	-	-	-
35	Machinery, except electrical.....	205	100.0	16.0	76.5	3.2	2.6	0.3	1.4	-	-
3535	Conveyors and conveying equipment (except hoists and farm elevators)....	6	100.0	2.7	97.1	-	.1	-	.1	-	-
35351	Conveyors and conveying equipment and parts, except hoists and farm elevators.....	6	100.0	2.7	97.1	-	.1	-	.1	-	-
3537	Industrial trucks, tractors, trailers, stackers, and metal skids, pallets, and platforms.....	5	100.0	37.1	62.1	.8	-	-	-	-	-
354	Metalworking machinery and equipment...	36	100.0	5.1	86.2	.8	1.9	-	6.0	-	-
3541	Machine tools, metal cutting types.....	12	100.0	14.5	79.2	1.1	1.1	-	4.1	-	-
35412	Machine tools, metal cutting types.....	12	100.0	14.5	79.2	1.1	1.1	-	4.1	-	-
3544	Special dies and tools, die sets, jigs, fixtures, and industrial molds and patterns.....	17	100.0	.3	91.1	.4	1.6	-	6.6	-	-
35441	Special dies and tools, die sets, jigs, and fixtures.....	17	100.0	.3	91.1	.4	1.6	-	6.6	-	-
3545	Machine tool accessories, measuring tools, and measuring devices.....	5	100.0	-	81.0	1.1	6.0	-	11.9	-	-
35451	Small cutting tools for machine tools and metalworking machinery.....	5	100.0	-	81.0	1.1	6.0	-	11.9	-	-
3548	Metalworking machinery (except machine tools).....	2	100.0	-	98.6	1.2	.2	-	-	-	-
356	General industrial machinery and equipment.....	17	100.0	.4	95.9	.2	2.4	-	1.0	0.1	-
357	Office, computing, and accounting machines.....	6	100.0	12.5	60.1	.3	20.3	-	6.8	-	-
359	Miscellaneous machinery and parts (except electrical).....	24	100.0	.1	94.6	2.6	.9	1.3	.4	.1	-
3599	Miscellaneous machinery and parts (except electrical).....	24	100.0	.1	94.6	2.6	.9	1.3	.4	.1	-
36	Electrical machinery and equipment.....	132	100.0	6.6	82.9	5.0	2.7	1.7	1.1	-	-
3621	Motors and generators.....	10	100.0	64.3	32.6	1.9	.4	-	.8	-	-
36211	Motors.....	-	-	-	-	-	-	-	-	-	-
366	Communication equipment.....	2	100.0	54.0	40.1	1.3	2.0	-	2.6	-	-
37	Transportation equipment.....	5,183	100.0	84.8	12.8	1.4	.4	.5	.1	-	-
371	Motor vehicles and motor vehicle equipment.....	5,138	100.0	84.8	12.8	1.4	.4	.5	.1	-	-
3711	Motor vehicles.....	2,262	100.0	82.4	15.3	1.0	-	1.1	.2	-	-
37112	Truck tractors and trucks, assembled...	280	100.0	68.7	23.2	8.1	-	-	-	-	-
3714	Motor vehicle parts and accessories....	2,876	100.0	86.6	10.9	1.6	.8	-	.1	-	-
37148	Motor vehicle wheels and parts.....	337	100.0	67.6	22.0	9.4	1.0	-	-	-	-
38	Instruments, photographic goods, optical goods, watches, and clocks.....	25	100.0	.4	88.9	.3	1.0	.2	9.2	-	-

¹Code letter indicates a sampling variability range as follows: a, 0-9 percent; b, 10-19 percent; c, 20-29 percent; and d, 30-50 percent. The variability for ton-miles has not been estimated.

TABLE 2. Percent Distribution of Commodities, by Distance of Shipment: 1967

TCC code	Commodity	Number	Percent distribution by distance of shipment								Sampling variability code ¹
			All distances	Under 100 miles	100 to 199 miles	200 to 299 miles	300 to 499 miles	500 to 999 miles	1,000 to 1,499 miles	1,500 miles or over	
	TONS OF SHIPMENTS	(thousands of tons)									
	Production Area 13, total.....	41,411	100.0	41.8	13.2	16.2	14.3	9.8	1.9	2.8	-
20	Food and kindred products.....	2,182	100.0	46.2	25.3	13.8	6.4	7.9	.2	.2	b
208	Beverages and flavoring extracts.....	1,029	100.0	55.7	28.8	8.7	3.2	3.3	.1	.2	a
2086	Bottled and canned soft drinks and carbonated, mineral, and plain waters....	315	100.0	81.3	14.9	3.2	.6	-	-	-	b
20861	Bottled and canned soft drinks and carbonated, mineral, and plain waters....	315	100.0	81.3	14.9	3.2	.6	-	-	-	b
26	Pulp, paper, and allied products.....	1,158	100.0	49.6	16.1	14.6	13.6	5.5	.2	.4	c
265	Containers, boxes and related products, paperboard, fiberboard, and pulpboard.	378	100.0	70.8	23.8	2.3	.9	1.8	.4	-	d
2651	Containers, boxes, baskets, pallets and skids, paperboard, fiberboard, and pulpboard.....	374	100.0	70.8	23.8	2.3	.9	1.8	.4	-	d
26511	Containers and boxes, paperboard, fiberboard, and pulpboard.....	373	100.0	70.7	23.9	2.3	.9	1.8	.4	-	d
282	Plastic materials and plasticizers, synthetic resins, rubbers, and fibers.	254	100.0	19.5	12.9	25.7	22.3	16.2	.4	3.0	c
2821	Plastic materials and plasticizers, synthetic resins, rubbers, and fibers.	254	100.0	19.5	12.9	25.7	22.3	16.2	.4	3.0	c
28211	Plastic materials and plasticizers, synthetic resins, and nonvulcanizable elastomers.....	254	100.0	19.5	12.9	25.7	22.3	16.2	.4	3.0	c
284	Soap and detergents, cleaning preparations, perfumes, cosmetics, and other toilet preparations.....	113	100.0	13.4	20.7	10.6	13.3	37.9	1.5	2.6	d
285	Paints, varnishes, lacquers, enamels, and allied products.....	219	100.0	28.6	7.0	15.7	26.0	20.0	1.7	1.0	c
2851	Paints, varnishes, lacquers, enamels, and allied products.....	219	100.0	28.6	7.0	15.3	26.0	20.0	1.7	1.0	c
28511	Paints, varnishes, lacquers, enamels, and shellacs.....	217	100.0	29.0	7.0	15.3	25.9	20.1	1.7	1.0	c
29	Petroleum and coal products.....	4,950	100.0	61.3	23.1	12.4	2.2	.8	.1	.1	d
291	Products of petroleum refining.....	2,821	100.0	82.0	5.8	9.2	1.9	.8	.1	.2	d
2911	Products of petroleum refining (except liquefied petroleum gases and petroleum coke and breeze).....	2,530	100.0	82.0	5.2	10.2	1.9	.3	.1	.3	d
29113	Distillate fuel oil.....	211	100.0	58.2	1.6	20.2	20.0	-	-	-	d
29119	Products of petroleum refining, n.e.c..	131	100.0	47.4	32.5	16.5	3.6	-	-	-	b
299	Miscellaneous petroleum and coal products.....	1,905	100.0	28.4	50.2	18.3	2.5	.6	-	-	d
2991	Miscellaneous petroleum and coal products.....	1,905	100.0	28.4	50.2	18.3	2.5	.6	-	-	d
30	Rubber and miscellaneous plastics products.....	261	100.0	38.1	4.4	7.9	25.8	19.0	3.5	1.3	b
307	Miscellaneous plastic products.....	70	100.0	51.2	7.7	13.2	11.3	13.5	.7	2.4	d
3071	Miscellaneous plastic products.....	70	100.0	51.2	7.7	13.2	11.3	13.5	.7	2.4	d
30714	Unsupported vinyl and polyethylene film and sheeting.....	17	100.0	46.7	.7	8.9	8.1	34.3	-	1.3	d
32	Stone, clay, and glass products.....	3,646	100.0	84.6	4.8	2.3	3.8	3.0	.7	.8	d
32113	Laminated and safety glass.....	213	100.0	23.3	22.8	14.8	18.7	14.8	1.1	4.5	b
327	Concrete, gypsum, plaster, and plaster products.....	505	100.0	91.9	6.3	.6	.5	.7	-	-	d
3271	Concrete products.....	505	100.0	91.9	6.3	.6	.5	.7	-	-	d
33	Primary metal products.....	8,270	100.0	42.4	14.3	25.8	11.3	5.5	.1	.6	b
331	Steel works and rolling mill products..	7,381	100.0	39.7	14.3	27.8	11.9	5.7	-	.6	c
3312	Primary iron and steel products (except coke-oven products).....	5,513	100.0	45.7	13.1	34.1	4.6	1.7	-	.8	a

See footnote at end of table.

TABLE 2. Percent Distribution of Commodities, by Distance of Shipment: 1967--Continued

TCC code	Commodity	Number	Percent distribution by distance of shipment								Sampling variability code ¹
			All distances	Under 100 miles	100 to 199 miles	200 to 299 miles	300 to 499 miles	500 to 999 miles	1,000 to 1,499 miles	1,500 miles or over	
	TONS OF SHIPMENTS--Continued	(thousands of tons)									
33123	Sheet and strip, iron and steel (except tin mill products).....	4,878	100.0	46.5	11.7	35.8	3.8	1.4	-	0.8	a
33124	Bars, bar shapes, and rods.....	266	100.0	39.9	25.7	22.8	9.6	1.7	0.2	.1	c
335	Nonferrous metal basic shapes.....	76	100.0	26.5	23.3	20.5	16.1	9.7	3.2	.7	b
336	Nonferrous and nonferrous base alloy castings.....	85	100.0	45.3	10.6	18.7	16.9	3.7	.2	4.6	d
3369	Miscellaneous nonferrous metal castings	63	100.0	47.8	7.2	14.7	19.8	4.5	.2	5.8	d
33692	Zinc and zinc base alloy castings.....	63	100.0	48.1	6.5	14.8	20.0	4.5	.2	5.9	d
339	Miscellaneous primary metal products...	200	100.0	46.9	31.3	7.6	8.1	5.3	.7	.1	c
3391	Iron and steel forgings.....	176	100.0	53.2	30.8	5.4	8.7	1.0	.8	.1	c
33911	Iron and steel forgings.....	176	100.0	53.2	30.8	5.4	8.7	1.0	.8	.1	c
34	Fabricated metal products.....	1,915	100.0	43.4	7.8	13.9	16.2	7.3	8.0	3.4	b
344	Structural and miscellaneous metal products.....	326	100.0	30.3	9.1	8.8	23.6	11.1	9.9	7.2	d
3441	Structural metal products.....	114	100.0	70.8	17.2	5.3	4.5	2.2	-	-	c
34411	Structural metal products, iron and steel.....	114	100.0	70.8	17.2	5.3	4.5	2.2	-	-	c
3444	Sheet metal products.....	27	100.0	27.7	9.6	24.1	17.9	20.7	-	-	d
345	Bolts, nuts, screws, rivets, washers, and other industrial fasteners.....	232	100.0	52.0	12.0	20.2	9.9	4.5	.8	.6	c
3452	Bolts, nuts, screws, rivets, washers, and other industrial fasteners.....	232	100.0	52.0	12.0	20.2	9.9	4.5	.8	.6	c
34521	Bolts, nuts, screws, rivets, and washers.....	226	100.0	52.2	11.7	20.0	10.1	4.6	.8	.6	c
346	Metal stampings.....	840	100.0	52.2	3.9	16.7	18.9	5.2	.1	3.0	b
3461	Metal stampings.....	840	100.0	52.2	3.9	16.7	18.9	5.2	.1	3.0	b
34613	Automobile stampings.....	745	100.0	52.2	2.7	18.0	20.1	3.7	.1	3.2	b
34615	Metal boxes, baskets, buckets, pails, and crates, except shipping.....	5	100.0	54.8	14.0	8.5	15.7	7.0	-	-	d
34619	Metal stampings, n.e.c.....	73	100.0	53.5	10.6	7.0	7.7	20.1	-	1.1	d
349	Miscellaneous fabricated metal products	174	100.0	42.2	16.8	8.2	14.7	13.4	.1	4.6	d
3491	Metal barrels, drums, kegs, and pails..	14	100.0	41.5	26.8	30.8	-	.9	-	-	d
34912	Steel shipping pails, barrels, drums, and kegs.....	13	100.0	38.0	28.3	32.7	-	1.0	-	-	d
35	Machinery, except electrical.....	592	100.0	34.9	9.9	13.1	18.0	17.7	3.4	3.0	b
3535	Conveyors and conveying equipment (except hoists and farm elevators)....	13	100.0	13.7	19.4	12.3	33.5	10.3	10.7	.1	b
35351	Conveyors and conveying equipment and parts, except hoists and farm elevators.....	13	100.0	13.7	19.4	12.3	33.5	10.3	10.7	.1	b
3537	Industrial trucks, tractors, trailers, stackers, and metal skids, pallets, and platforms.....	18	100.0	29.5	15.1	26.5	5.3	21.2	-	2.4	c
354	Metalworking machinery and equipment...	174	100.0	44.4	10.0	23.9	14.3	6.4	.3	.7	c
3541	Machine tools, metal cutting types.....	60	100.0	47.6	6.5	23.1	10.7	11.8	.1	.2	c
35412	Machine tools, metal cutting types.....	60	100.0	47.6	6.5	23.1	10.7	11.8	.1	.2	c
3544	Special dies and tools, die sets, jigs, fixtures, and industrial molds and patterns.....	80	100.0	37.8	12.5	28.0	19.2	1.8	.2	.5	d
35441	Special dies and tools, die sets, jigs, and fixtures.....	80	100.0	37.8	12.5	28.0	19.2	1.8	.2	.5	d
3545	Machine tool accessories, measuring tools, and measuring devices.....	14	100.0	23.3	16.0	32.9	9.5	11.8	1.7	4.8	d
35451	Small cutting tools for machine tools and metalworking machinery.....	14	100.0	23.3	16.0	32.9	9.5	11.8	1.7	4.8	d
3548	Metalworking machinery (except machine tools).....	6	100.0	33.5	10.7	11.3	29.2	15.2	-	.1	c
356	General industrial machinery and equipment.....	40	100.0	14.7	15.2	6.3	44.8	10.8	4.4	3.8	d

See footnote at end of table.

TABLE 2. Percent Distribution of Commodities, by Distance of Shipment: 1967--Continued

TCC code	Commodity	Number	Percent distribution by distance of shipment								Sampling variability code ¹
			All distances	Under 100 miles	100 to 199 miles	200 to 299 miles	300 to 499 miles	500 to 999 miles	1,000 to 1,499 miles	1,500 miles or over	
	TONS OF SHIPMENTS--Continued	(thousands of tons)									
357	Office, computing, and accounting machines.....	10	100.0	7.2	3.6	7.6	41.4	31.2	2.8	6.2	c
359	Miscellaneous machinery and parts (except electrical).....	62	100.0	32.3	9.3	9.7	13.6	27.7	3.8	3.6	b
3599	Miscellaneous machinery and parts (except electrical).....	62	100.0	32.3	9.3	9.7	13.6	27.7	3.8	3.6	b
35999	Machinery and parts, n.e.c. (except electrical).....	51	100.0	29.5	4.0	10.2	15.1	32.4	4.6	4.2	c
36	Electrical machinery and equipment.....	301	100.0	25.7	10.7	19.4	15.9	18.9	1.4	8.0	d
3621	Motors and generators.....	35	100.0	30.3	1.9	27.1	12.8	27.4	.1	.4	d
36211	Motors.....	1	100.0	83.6	.2	11.0	2.0	3.2	-	-	d
366	Communication equipment.....	7	100.0	24.3	.4	12.1	33.6	29.3	.2	.1	d
37	Transportation equipment.....	10,483	100.0	22.8	8.7	15.3	21.4	19.3	3.9	8.6	a
371	Motor vehicles and motor vehicle equipment.....	10,385	100.0	23.1	8.5	15.1	21.5	19.3	3.9	8.6	a
3711	Motor vehicles.....	4,144	100.0	12.4	11.9	17.7	20.8	22.2	6.6	8.4	a
37112	Truck tractors and trucks, assembled...	541	100.0	11.1	13.9	19.0	19.6	21.4	8.1	6.9	a
3714	Motor vehicle parts and accessories....	6,239	100.0	30.2	6.3	13.4	21.9	17.4	2.1	8.7	a
37148	Motor vehicle wheels and parts.....	824	100.0	30.5	3.8	16.8	27.8	12.7	3.9	4.5	a
38	Instruments, photographic goods, optical goods, watches, and clocks.....	31	100.0	23.9	4.5	7.9	15.8	15.3	2.2	30.4	d
	TON-MILES OF SHIPMENTS	(millions of ton-miles)									
	Production Area 13, total.....	11,483	100.0	6.7	7.2	13.9	21.9	22.0	8.1	20.2	-
20	Food and kindred products.....	382	100.0	15.0	20.8	18.1	15.0	27.5	1.2	2.4	-
208	Beverages and flavoring extracts.....	138	100.0	22.9	32.2	15.3	9.1	16.6	1.0	2.9	-
2086	Bottled and canned soft drinks and carbonated, mineral, and plain waters....	23	100.0	59.1	27.6	10.5	2.8	-	-	-	-
20861	Bottled and canned soft drinks and carbonated, mineral, and plain waters....	23	100.0	59.1	27.6	10.5	2.8	-	-	-	-
26	Pulp, paper, and allied products.....	216	100.0	14.4	11.7	18.8	29.7	20.1	1.0	4.3	-
265	Containers, boxes and related products, paperboard, fiberboard, and pulpboard.	33	100.0	37.6	32.3	6.3	3.6	14.6	5.4	.2	-
2651	Containers, boxes, baskets, pallets and skids, paperboard, fiberboard, and pulpboard.....	33	100.0	37.6	32.3	6.2	3.7	14.8	5.4	-	-
26511	Containers and boxes, paperboard, fiberboard, and pulpboard.....	33	100.0	37.4	32.4	6.2	3.7	14.8	5.5	-	-
282	Plastic materials and plasticizers, synthetic resins, rubbers, and fibers.	89	100.0	3.3	5.6	16.7	27.6	28.3	1.5	17.0	-
2821	Plastic materials and plasticizers, synthetic resins, rubbers, and fibers.	89	100.0	3.3	5.6	16.7	27.6	28.3	1.5	17.0	-
28211	Plastic materials and plasticizers, synthetic resins, and nonvulcanizable elastomers.....	89	100.0	3.3	5.6	16.7	27.6	28.3	1.5	17.0	-
284	Soap and detergents, cleaning preparations, perfumes, cosmetics, and other toilet preparations.....	49	100.0	1.2	6.5	5.8	12.4	58.3	4.2	11.6	-
285	Paints, varnishes, lacquers, enamels, and allied products.....	74	100.0	5.2	2.9	11.3	32.6	36.9	5.2	5.9	-
2851	Paints, varnishes, lacquers, enamels, and allied products.....	74	100.0	5.2	2.9	11.3	32.6	36.9	5.2	5.9	-
28511	Paints, varnishes, lacquers, enamels, and shellacs.....	73	100.0	5.3	2.9	11.1	32.4	37.0	5.3	6.0	-

See footnote at end of table.

TABLE 2. Percent Distribution of Commodities, by Distance of Shipment: 1967--Continued

TCC code	Commodity	Number	Percent distribution by distance of shipment								Sampling variability code ¹
			All distances	Under 100 miles	100 to 199 miles	200 to 299 miles	300 to 499 miles	500 to 999 miles	1,000 to 1,499 miles	1,500 miles or over	
	TON-MILES OF SHIPMENTS--Continued	(millions of ton-miles)									
29	Petroleum and coal products.....	613	100.0	28.4	32.5	25.7	6.9	3.7	0.5	2.3	-
291	Products of petroleum refining.....	278	100.0	49.4	8.2	24.5	6.7	5.1	1.1	5.0	-
2911	Products of petroleum refining (except liquefied petroleum gases and petroleum coke and breeze).....	246	100.0	49.1	7.4	27.6	6.7	2.3	1.2	5.7	-
29113	Distillate fuel oil.....	33	100.0	21.2	1.1	36.2	41.5	-	-	-	-
29119	Products of petroleum refining, n.e.c....	18	100.0	20.5	38.4	28.2	12.9	-	-	-	-
299	Miscellaneous petroleum and coal products.....	319	100.0	9.4	54.3	27.6	6.7	2.0	-	-	-
2991	Miscellaneous petroleum and coal products.....	319	100.0	9.4	54.3	27.6	6.7	2.0	-	-	-
30	Rubber and miscellaneous plastics products.....	84	100.0	5.3	1.9	6.0	32.1	35.3	11.4	8.0	-
307	Miscellaneous plastic products.....	17	100.0	7.8	4.1	13.7	19.5	31.2	3.3	20.4	-
3071	Miscellaneous plastic products.....	17	100.0	7.8	4.1	13.7	19.5	31.2	3.3	20.4	-
30714	Unsupported vinyl and polyethylene film and sheeting.....	5	100.0	4.9	.4	7.7	12.1	65.8	-	9.1	-
32	Stone, clay, and glass products.....	360	100.0	29.7	6.1	5.7	16.7	18.5	7.9	15.4	-
32113	Laminated and safety glass.....	74	100.0	5.0	8.7	11.4	23.2	24.3	3.8	23.6	-
327	Concrete, gypsum, plaster, and plaster products.....	19	100.0	59.7	20.1	3.4	5.4	11.4	-	-	-
3271	Concrete products.....	19	100.0	59.7	20.1	3.4	5.4	11.4	-	-	-
33	Primary metal products.....	1,548	100.0	10.6	11.0	30.7	26.1	16.2	.4	5.0	-
331	Steel works and rolling mill products...	1,433	100.0	10.1	10.6	32.0	26.5	16.1	-	4.7	-
3312	Primary iron and steel products (except coke-oven products).....	878	100.0	13.0	11.8	47.5	12.7	7.2	.1	7.7	-
33123	Sheet and strip, iron and steel (except tin mill products).....	766	100.0	13.5	10.3	50.6	10.8	6.6	-	8.2	-
33124	Bars, bar shapes, and rods.....	42	100.0	9.3	25.4	31.4	25.5	6.3	1.1	1.0	-
335	Nonferrous metal basic shapes.....	22	100.0	6.2	12.7	17.1	23.8	22.7	12.7	4.8	-
336	Nonferrous and nonferrous base alloy castings.....	23	100.0	9.3	5.6	16.9	25.9	7.5	.8	34.0	-
3369	Miscellaneous nonferrous metal castings.	19	100.0	8.1	3.4	12.2	27.8	8.2	1.0	39.3	-
33692	Zinc and zinc base alloy castings.....	18	100.0	8.1	3.0	12.3	27.9	8.2	1.0	39.5	-
339	Miscellaneous primary metal products....	31	100.0	7.6	29.8	12.1	21.7	21.7	6.2	.9	-
3391	Iron and steel forgings	22	100.0	10.5	36.3	10.2	28.7	4.6	8.6	1.1	-
33911	Iron and steel forgings.....	22	100.0	10.5	36.3	10.2	28.7	4.6	8.6	1.1	-
34	Fabricated metal products.....	664	100.0	4.6	3.0	10.6	19.6	14.2	28.5	19.5	-
344	Structural and miscellaneous metal products.....	157	100.0	3.6	2.7	4.6	19.2	18.2	22.9	28.8	-
3441	Structural metal products.....	12	100.0	38.9	22.0	12.9	14.2	12.0	-	-	-
34411	Structural metal products, iron and steel.....	12	100.0	38.9	22.0	12.9	14.2	12.0	-	-	-
3444	Sheet metal products.....	8	100.0	5.9	5.1	19.3	24.5	45.1	-	.1	-
345	Bolts, nuts, screws, rivets, washers, and other industrial fasteners.....	42	100.0	13.6	9.3	27.8	21.6	16.0	4.7	7.0	-
3452	Bolts, nuts, screws, rivets, washers, and other industrial fasteners.....	42	100.0	13.6	9.3	27.8	21.6	16.0	4.7	7.0	-
34521	Bolts, nuts, screws, rivets, and washers.....	41	100.0	13.6	9.0	27.3	21.9	16.3	4.8	7.1	-
346	Metal stampings.....	202	100.0	4.9	1.9	19.8	34.1	13.7	.7	24.9	-
3461	Metal stampings.....	202	100.0	4.9	1.9	19.8	34.1	13.7	.7	24.9	-
34613	Automobile stampings.....	179	100.0	4.2	1.2	21.4	36.4	9.7	.7	26.4	-
34615	Metal boxes, baskets, buckets, pails, and crates, except shipping.....	1	100.0	7.5	12.6	10.8	42.9	26.2	-	-	-
34619	Metal stampings, n.e.c.....	18	100.0	10.9	5.0	7.1	13.7	53.9	.2	9.2	-

See footnote at end of table.

TABLE 2. Percent Distribution of Commodities, by Distance of Shipment: 1967--Continued

TCC code	Commodity	Number	Percent distribution by distance of shipment								Sampling variability code ¹
			All distances	Under 100 miles	100 to 199 miles	200 to 299 miles	300 to 499 miles	500 to 999 miles	1,000 to 1,499 miles	1,500 miles or over	
	TON-MILES OF SHIPMENTS--Continued	(millions of ton-miles)									
349	Miscellaneous fabricated metal products.	54	100.0	7.1	7.3	6.7	20.5	27.5	0.5	30.4	-
3491	Metal barrels, drums, kegs, and pails...	2	100.0	7.8	33.0	56.0	-	3.2	-	-	-
34912	Steel shipping pails, barrels, drums, and kegs.....	2	100.0	6.7	33.3	56.8	-	3.2	-	-	-
35	Machinery, except electrical.....	205	100.0	3.5	4.0	8.9	22.2	32.3	11.9	17.2	-
3535	Conveyors and conveying equipment (except hoists and farm elevators)....	6	100.0	2.1	6.9	7.4	30.5	21.7	31.0	.4	-
35351	Conveyors and conveying equipment and parts, except hoists and farm elevators.....	6	100.0	2.1	6.9	7.4	30.5	21.7	31.0	.4	-
3537	Industrial trucks, tractors, trailers, stackers, and metal skids, pallets, and platforms.....	5	100.0	3.5	7.9	21.4	7.1	42.7	.1	17.3	-
354	Metalworking machinery and equipment....	36	100.0	8.3	6.9	26.8	31.1	18.5	1.6	6.8	-
3541	Machine tools, metal cutting types.....	12	100.0	8.2	5.0	27.1	22.2	34.8	.8	1.9	-
35412	Machine tools, metal cutting types.....	12	100.0	8.2	5.0	27.1	22.2	34.8	.8	1.9	-
3544	Special dies and tools, die sets, jigs, fixtures, and industrial molds and patterns.....	17	100.0	5.7	8.1	30.8	43.6	5.3	1.4	5.1	-
35441	Special dies and tools, die sets, jigs, and fixtures.....	17	100.0	5.7	8.1	30.8	43.6	5.3	1.4	5.1	-
3545	Machine tool accessories, measuring tools, and measuring devices.....	5	100.0	3.4	6.9	22.5	11.0	20.9	5.9	29.4	-
35451	Small cutting tools for machine tools and metalworking machinery.....	5	100.0	3.4	6.9	22.5	11.0	20.9	5.9	29.4	-
3548	Metalworking machinery (except machine tools).....	2	100.0	7.7	7.0	9.5	44.1	30.7	-	1.0	-
356	General industrial machinery and equipment.....	17	100.0	1.9	4.8	3.4	46.9	14.4	12.1	16.5	-
357	Office, computing, and accounting machines.....	6	100.0	.3	.9	3.3	30.6	36.3	6.6	22.0	-
359	Miscellaneous machinery and parts (except electrical).....	24	100.0	3.5	3.0	6.1	13.7	42.3	12.9	18.5	-
3599	Miscellaneous machinery and parts (except electrical).....	24	100.0	3.5	3.0	6.1	13.7	42.3	12.9	18.5	-
35999	Machinery and parts, n.e.c. (except electrical).....	22	100.0	3.0	1.3	5.6	13.3	44.2	13.7	18.9	-
36	Electrical machinery and equipment.....	132	100.0	3.1	3.8	10.2	15.4	28.1	4.0	35.4	-
3621	Motors and generators.....	10	100.0	3.0	.9	19.3	18.7	54.8	.6	2.7	-
36211	Motors.....	-	-	-	-	-	-	-	-	-	-
366	Communication equipment.....	2	100.0	2.2	.2	8.2	42.5	45.6	.7	.6	-
37	Transportation equipment.....	5,183	100.0	1.8	2.7	7.7	18.7	25.2	9.0	34.9	-
371	Motor vehicles and motor vehicle equipment.....	5,138	100.0	1.8	2.6	7.6	18.7	25.3	9.1	34.9	-
3711	Motor vehicles.....	2,262	100.0	1.1	3.1	7.8	16.0	27.1	14.1	30.8	-
37112	Truck tractors and trucks, assembled....	280	100.0	1.0	4.1	8.4	15.2	27.1	18.9	25.3	-
3714	Motor vehicle parts and accessories.....	2,876	100.0	2.4	2.2	7.4	20.9	23.8	5.1	38.2	-
37148	Motor vehicle wheels and parts.....	337	100.0	2.3	1.5	10.4	30.0	22.3	11.3	22.2	-
38	Instruments, photographic goods, optical goods, watches, and clocks.....	25	100.0	1.1	.8	2.2	8.2	12.0	3.4	72.3	-

¹Code letter indicates a sampling variability range as follows: a, 0-9 percent; b, 10-19 percent; c, 20-29 percent; and d, 30-50 percent. The variability for ton-miles has not been estimated.

TABLE 3. Percent Distribution of Commodities, by Geographic Division of Destination: 1967

TCC code	Commodity	Number	Percent distribution by geographic division ¹ of destination										Sampling variability code ³
			All means of transport	New England	Middle Atlantic	East North Central	West North Central	South Atlantic	East South Central	West South Central	Mountain	Pacific ²	
	TONS OF SHIPMENTS	(thous. of tons)											
	Production Area 13, total.....	41,411	100.0	1.9	11.8	67.0	4.7	7.3	2.0	2.0	0.7	2.6	-
20	Food and kindred products.....	2,182	100.0	2.7	6.7	80.5	1.1	5.5	2.6	.6	.1	.2	b
26	Pulp, paper, and allied products.....	1,158	100.0	1.5	7.0	78.6	2.7	5.6	4.1	-	.1	.4	c
29	Petroleum and coal products.....	4,950	100.0	.1	8.5	75.5	.2	15.0	.5	.1	-	.1	d
30	Rubber and miscellaneous plastics products.....	261	100.0	4.9	3.5	54.7	20.4	6.5	4.2	4.5	.2	1.1	b
32	Stone, clay, and glass products.....	3,646	100.0	.8	2.5	91.1	1.1	2.4	.6	.4	.6	.5	d
33	Primary metal products.....	8,270	100.0	.3	17.2	76.7	1.4	2.1	1.4	.3	.5	.1	b
34	Fabricated metal products.....	1,915	100.0	.5	4.0	66.1	6.5	9.6	1.7	1.8	6.5	3.3	b
35	Machinery, except electrical.....	592	100.0	1.9	13.7	56.0	7.0	6.6	7.4	3.7	.9	2.8	b
36	Electrical machinery and equipment....	301	100.0	7.9	14.3	55.8	4.7	2.4	1.3	5.0	2.5	6.1	d
37	Transportation equipment.....	10,483	100.0	2.4	11.8	45.7	12.0	10.9	3.1	4.9	.9	8.3	a
38	Instruments, photographic goods, optical goods, watches, and clocks.....	31	100.0	8.1	14.9	35.7	2.7	3.0	1.2	3.0	1.4	30.0	d
	TON-MILES OF SHIPMENTS	(millions of ton-miles)											
	Production Area 13, total.....	11,483	100.0	4.0	16.5	25.7	9.1	11.3	3.4	7.5	3.7	18.8	-
20	Food and kindred products.....	382	100.0	9.3	12.8	48.2	3.7	13.3	6.4	3.3	.6	2.4	-
26	Pulp, paper, and allied products.....	216	100.0	4.6	14.4	43.0	6.9	13.0	12.7	.2	.9	4.3	-
29	Petroleum and coal products.....	613	100.0	.3	19.0	51.6	1.0	22.9	2.3	.5	.1	2.3	-
30	Rubber and miscellaneous plastics products.....	84	100.0	8.5	4.3	17.6	33.2	9.4	4.8	14.0	1.1	7.1	-
32	Stone, clay, and glass products.....	360	100.0	5.2	10.2	40.3	5.7	12.4	2.9	4.5	9.0	9.8	-
33	Primary metal products.....	1,548	100.0	.8	36.2	46.1	3.9	2.7	3.7	1.4	4.3	.9	-
34	Fabricated metal products.....	664	100.0	.9	4.7	19.8	9.6	15.0	2.2	5.3	23.9	18.6	-
35	Machinery, except electrical.....	205	100.0	3.0	15.3	16.5	11.2	10.7	11.9	11.5	3.7	16.2	-
36	Electrical machinery and equipment....	132	100.0	10.1	13.3	18.0	6.1	3.3	1.4	10.6	9.3	27.9	-
37	Transportation equipment.....	5,183	100.0	2.9	10.1	12.1	13.1	12.3	2.9	10.1	2.6	33.9	-
38	Instruments, photographic goods, optical goods, watches, and clocks.....	25	100.0	6.2	7.7	4.2	1.8	2.1	.7	3.4	2.5	71.4	-

¹States included in the geographic divisions are as follows: NEW ENGLAND--Maine, New Hampshire, Vermont, Massachusetts, Rhode Island, and Connecticut; MIDDLE ATLANTIC--New York, New Jersey, and Pennsylvania; EAST NORTH CENTRAL--Ohio, Indiana, Illinois, Michigan, and Wisconsin; WEST NORTH CENTRAL--Minnesota, Iowa, Missouri, North Dakota, South Dakota, Nebraska, and Kansas; SOUTH ATLANTIC--Delaware, Maryland, District of Columbia, Virginia, West Virginia, North Carolina, South Carolina, Georgia, and Florida; EAST SOUTH CENTRAL--Kentucky, Tennessee, Alabama, and Mississippi; WEST SOUTH CENTRAL--Arkansas, Louisiana, Oklahoma, and Texas; MOUNTAIN--Montana, Idaho, Wyoming, Colorado, New Mexico, Arizona, Utah, and Nevada; PACIFIC--Washington, Oregon, California, Alaska, and Hawaii.

²Shipments to Alaska and Hawaii from the 48 conterminous States and the District of Columbia are included; no data were obtained for shipments originating in Alaska and Hawaii.

³Code letter indicates a sampling variability range as follows: a, 0-9 percent; b, 10-19 percent; c, 20-29 percent; and d, 30-50 percent. The variability for ton-miles has not been estimated.

TABLE 4. Percent Distribution of Commodities, by Production Area of Destination: 1967

TCC code	Commodity	Number	Percent distribution by production area ¹ of destination							
			Total	1 (BOST)	2 (HART)	3 (NYNY)	4 (N. NJ)	5 (PHIL)	6 (BALT)	7 (ALLN)
	TONS OF SHIPMENTS	(thousands of tons)								
	Production Area 13, total.....	41,411	100.0	0.6	0.4	1.2	1.7	3.1	0.9	0.6
20	Food and kindred products.....	2,182	100.0	.8	.2	.3	1.7	.2	.3	-
208	Beverages and flavoring extracts.....	1,029	100.0	.1	.2	.2	.2	.2	.1	.1
2086	Bottled and canned soft drinks and carbonated, mineral, and plain waters....	315	100.0	-	-	-	-	-	-	-
20861	Bottled and canned soft drinks and carbonated, mineral, and plain waters....	315	100.0	-	-	-	-	-	-	-
26	Pulp, paper, and allied products.....	1,158	100.0	.3	.3	1.1	1.3	1.1	-	.3
265	Containers, boxes and related products, paperboard, fiberboard, and pulpboard.	378	100.0	-	-	-	.1	-	-	-
2651	Containers, boxes, baskets, pallets and skids, paperboard, fiberboard, and pulpboard.....	374	100.0	-	-	-	.1	-	-	-
26511	Containers and boxes, paperboard, fiberboard, and pulpboard.....	373	100.0	-	-	-	.1	-	-	-
282	Plastic materials and plasticizers, synthetic resins, rubbers, and fibers.	254	100.0	.4	2.9	.5	6.7	2.5	1.2	.5
2821	Plastic materials and plasticizers, synthetic resins, rubbers, and fibers.	254	100.0	.4	2.9	.5	6.7	2.5	1.2	.5
28211	Plastic materials and plasticizers, synthetic resins, and nonvulcanizable elastomers.....	254	100.0	.4	2.9	.5	6.7	2.5	1.2	.5
284	Soap and detergents, cleaning preparations, perfumes, cosmetics, and other toilet preparations.....	113	100.0	.5	.9	2.0	.2	.7	.2	-
285	Paints, varnishes, lacquers, enamels, and allied products.....	219	100.0	1.9	.1	.5	9.9	2.7	.3	.2
2851	Paints, varnishes, lacquers, enamels, and allied products.....	219	100.0	1.9	.1	.5	9.9	2.7	.3	.2
28511	Paints, varnishes, lacquers, enamels, and shellacs.....	217	100.0	1.9	.1	.2	10.0	2.7	.3	.2
29	Petroleum and coal products.....	4,950	100.0	-	-	-	.4	.2	-	-
291	Products of petroleum refining.....	2,821	100.0	-	-	-	.2	-	-	-
2911	Products of petroleum refining (except liquefied petroleum gases and petroleum coke and breeze).....	2,530	100.0	-	-	-	.2	-	-	-
29113	Distillate fuel oil.....	211	100.0	-	-	-	-	-	-	-
29119	Products of petroleum refining, n.e.c..	131	100.0	-	-	-	3.6	-	-	-
299	Miscellaneous petroleum and coal products.....	1,905	100.0	-	-	.1	.8	.5	-	-
2991	Miscellaneous petroleum and coal products.....	1,905	100.0	-	-	.1	.8	.5	-	-
30	Rubber and miscellaneous plastics products.....	261	100.0	.7	3.9	.7	.6	1.7	.2	-
307	Miscellaneous plastic products.....	70	100.0	.5	5.5	.4	1.2	5.6	.3	-
3071	Miscellaneous plastic products.....	70	100.0	.5	5.5	.4	1.2	5.6	.3	-
30714	Unsupported vinyl and polyethylene film and sheeting.....	17	100.0	-	21.5	.1	-	6.3	.3	-
32	Stone, clay, and glass products.....	3,646	100.0	.5	.2	.7	.5	.6	.4	-
32113	Laminated and safety glass.....	213	100.0	.5	-	1.1	.4	5.4	-	.2
327	Concrete, gypsum, plaster, and plaster products.....	505	100.0	.7	-	-	-	-	-	-
3271	Concrete products.....	505	100.0	.7	-	-	-	-	-	-
33	Primary metal products.....	8,270	100.0	.1	-	1.1	.1	6.5	-	.6
331	Steel works and rolling mill products..	7,381	100.0	-	-	1.2	-	7.0	-	.7
3312	Primary iron and steel products (except coke-oven products).....	5,513	100.0	-	-	1.6	-	.8	.1	-

See footnotes at end of table.

TABLE 4. Percent Distribution of Commodities, by Production Area of Destination: 1967--Continued

TCC code	Commodity	Percent distribution by production area ¹ of destination--Continued									
		8 (HARR)	9 (SYRA)	10 (BUFF)	11 (CLEV)	12 (PITT)	13 ² (DETR)	14 (CINC)	15 (CHIC)	16 (MILW)	17 (M-SP)
	TONS OF SHIPMENTS										
	Production Area 13, total.....	0.2	1.0	1.9	5.2	2.8	28.5	2.4	6.6	0.6	0.6
20	Food and kindred products.....	.7	.3	1.2	9.7	1.4	19.7	4.8	5.0	.1	.4
208	Beverages and flavoring extracts.....	.4	-	.3	11.2	.6	19.4	5.1	2.9	-	.6
2086	Bottled and canned soft drinks and carbonated, mineral, and plain waters....	-	-	-	1.0	-	19.5	1.7	.3	-	-
20861	Bottled and canned soft drinks and carbonated, mineral, and plain waters....	-	-	-	1.0	-	19.5	1.7	.3	-	-
26	Pulp, paper, and allied products.....	1.9	.3	.5	2.0	.7	21.6	2.7	7.1	.4	.1
265	Containers, boxes and related products, paperboard, fiberboard, and pulpboard.	-	-	.1	.9	-	51.3	.1	.4	-	-
2651	Containers, boxes, baskets, pallets and skids, paperboard, fiberboard, and pulpboard.....	-	-	-	.9	-	51.4	.1	.3	-	-
26511	Containers and boxes, paperboard, fiberboard, and pulpboard.....	-	-	-	.9	-	51.5	.1	.3	-	-
282	Plastic materials and plasticizers, synthetic resins, rubbers, and fibers.	1.1	.7	1.3	6.8	2.3	14.9	1.5	18.7	2.1	2.9
2821	Plastic materials and plasticizers, synthetic resins, rubbers, and fibers.	1.1	.7	1.3	6.8	2.3	14.9	1.5	18.7	2.1	2.9
28211	Plastic materials and plasticizers, synthetic resins, and nonvulcanizable elastomers.....	1.1	.7	1.3	6.8	2.3	14.9	1.5	18.7	2.1	2.9
284	Soap and detergents, cleaning preparations, perfumes, cosmetics, and other toilet preparations.....	-	-	1.1	7.7	.5	9.4	2.1	1.0	2.2	14.9
285	Paints, varnishes, lacquers, enamels, and allied products.....	-	.2	1.2	7.9	.6	16.1	1.3	7.0	1.1	2.5
2851	Paints, varnishes, lacquers, enamels, and allied products.....	-	.2	1.2	7.9	.6	16.1	1.3	7.0	1.1	2.5
28511	Paints, varnishes, lacquers, enamels, and shellacs.....	-	-	1.1	7.9	.6	16.3	1.3	7.1	1.1	2.5
29	Petroleum and coal products.....	-	.1	6.5	9.8	15.3	38.6	.9	1.0	-	-
291	Products of petroleum refining.....	-	-	6.3	16.1	.6	52.5	1.5	.2	-	-
2911	Products of petroleum refining (except liquefied petroleum gases and petroleum coke and breeze).....	-	-	7.1	16.1	.6	57.4	1.5	.2	-	-
29113	Distillate fuel oil.....	-	-	20.0	5.8	-	17.6	-	-	-	-
29119	Products of petroleum refining, n.e.c..	-	-	9.4	5.5	11.3	36.5	15.5	-	-	-
299	Miscellaneous petroleum and coal products.....	-	.2	7.6	1.3	38.9	14.3	-	2.3	-	-
2991	Miscellaneous petroleum and coal products.....	-	.2	7.6	1.3	38.9	14.3	-	2.3	-	-
30	Rubber and miscellaneous plastics products.....	-	-	.3	1.5	.5	28.3	1.0	3.8	.2	5.7
307	Miscellaneous plastic products.....	-	-	-	4.6	.9	40.9	1.5	5.7	.7	.6
3071	Miscellaneous plastic products.....	-	-	-	4.6	.9	40.9	1.5	5.7	.7	.6
30714	Unsupported vinyl and polyethylene film and sheeting.....	-	-	-	-	3.8	39.7	1.7	.2	.1	-
32	Stone, clay, and glass products.....	-	.1	.2	2.0	.3	67.3	.5	.3	.2	.4
32113	Laminated and safety glass.....	-	.5	.1	7.2	3.2	24.7	8.0	.6	1.3	-
327	Concrete, gypsum, plaster, and plaster products.....	-	.4	-	4.6	-	84.3	-	.3	.1	-
3271	Concrete products.....	-	.4	-	4.6	-	84.3	-	.3	.1	-
33	Primary metal products.....	-	4.0	3.1	5.8	2.2	29.5	2.0	17.9	1.0	.3
331	Steel works and rolling mill products..	-	4.4	3.5	5.7	2.4	26.7	1.9	19.9	.9	.2
3312	Primary iron and steel products (except coke-oven products).....	-	.2	3.6	5.6	3.0	33.2	1.4	25.8	1.2	.3

See footnotes at end of table.

TABLE 4. Percent Distribution of Commodities, by Production Area of Destination: 1967--Continued

TCC code	Commodity	Percent distribution by production area ¹ of destination--Continued									Sampling variability code ³
		18 (STLO)	19 (ATLA)	20 (DALL)	21 (HOUS)	22 (DENV)	23 (SETL)	24 (SANF)	25 (LOSA)	All other	
	TONS OF SHIPMENTS										
	Production Area 13, total.....	1.9	1.0	0.6	0.2	0.1	0.1	1.0	1.1	35.7	-
20	Food and kindred products.....	.1	.3	.3	-	-	-	.2	-	52.3	b
208	Beverages and flavoring extracts.....	-	-	.3	-	-	-	.2	-	57.9	a
2086	Bottled and canned soft drinks and carbonated, mineral, and plain waters....	-	-	-	-	-	-	-	-	77.5	b
20861	Bottled and canned soft drinks and carbonated, mineral, and plain waters....	-	-	-	-	-	-	-	-	77.5	b
26	Pulp, paper, and allied products.....	1.0	.2	-	-	.1	.3	-	.1	56.6	c
265	Containers, boxes and related products, paperboard, fiberboard, and pulpboard.	-	.4	-	-	.4	-	-	-	46.3	d
2651	Containers, boxes, baskets, pallets and skids, paperboard, fiberboard, and pulpboard.....	-	.4	-	-	.4	-	-	-	46.4	d
26511	Containers and boxes, paperboard, fiberboard, and pulpboard.....	-	.4	-	-	.4	-	-	-	46.3	d
282	Plastic materials and plasticizers, synthetic resins, rubbers, and fibers.	.3	1.7	.4	-	.1	-	-	1.7	28.8	c
2821	Plastic materials and plasticizers, synthetic resins, rubbers, and fibers.	.3	1.7	.4	-	.1	-	-	1.7	28.8	c
28211	Plastic materials and plasticizers, synthetic resins, and nonvulcanizable elastomers.....	.3	1.7	.4	-	.1	-	-	1.7	28.8	c
284	Soap and detergents, cleaning preparations, perfumes, cosmetics, and other toilet preparations.....	5.3	.9	.7	-	.9	-	.6	1.7	46.5	d
285	Paints, varnishes, lacquers, enamels, and allied products.....	4.5	3.8	1.0	.7	.1	-	-	.9	35.5	c
2851	Paints, varnishes, lacquers, enamels, and allied products.....	4.5	3.8	1.0	.7	.1	-	-	.9	35.5	c
28511	Paints, varnishes, lacquers, enamels, and shellacs.....	4.6	3.8	1.0	.7	.1	-	-	.9	35.6	c
29	Petroleum and coal products.....	.1	-	-	-	-	-	.1	-	27.0	d
291	Products of petroleum refining.....	-	-	-	-	-	-	.1	-	22.5	d
2911	Products of petroleum refining (except liquefied petroleum gases and petroleum coke and breeze).....	-	-	-	-	-	-	.2	-	16.7	d
29113	Distillate fuel oil.....	-	-	-	-	-	-	-	-	56.6	d
29119	Products of petroleum refining, n.e.c..	-	-	-	-	-	-	-	-	18.2	b
299	Miscellaneous petroleum and coal products.....	.1	-	-	-	-	-	-	-	33.9	d
2991	Miscellaneous petroleum and coal products.....	.1	-	-	-	-	-	-	-	33.9	d
30	Rubber and miscellaneous plastics products.....	9.2	.5	2.8	.5	-	-	.5	.5	36.9	b
307	Miscellaneous plastic products.....	.8	.9	.2	-	-	-	.9	1.3	27.5	d
3071	Miscellaneous plastic products.....	.8	.9	.2	-	-	-	.9	1.3	27.5	d
30714	Unsupported vinyl and polyethylene film and sheeting.....	-	1.4	-	-	-	-	-	.4	24.5	d
32	Stone, clay, and glass products.....	.4	.7	.1	-	.1	-	-	.3	24.2	d
32113	Laminated and safety glass.....	6.2	12.4	.4	.3	.1	.1	.4	1.0	25.9	b
327	Concrete, gypsum, plaster, and plaster products.....	-	-	-	-	-	-	-	-	9.6	d
3271	Concrete products.....	-	-	-	-	-	-	-	-	9.6	d
33	Primary metal products.....	.3	-	-	-	-	-	-	-	25.5	b
331	Steel works and rolling mill products..	.2	-	-	-	-	-	-	-	25.3	c
3312	Primary iron and steel products (except coke-oven products).....	.3	-	-	-	-	-	-	-	22.9	a

See footnotes at end of table.

TABLE 4. Percent Distribution of Commodities, by Production Area of Destination: 1967 --Continued

TCC code	Commodity	Number	Percent distribution by production area ¹ of destination							
			Total	1 (BOST)	2 (HART)	3 (NYNY)	4 (N. NJ)	5 (PHIL)	6 (BALT)	7 (ALLN)
	TONS OF SHIPMENTS--Continued	(thousands of tons)								
33123	Sheet and strip, iron and steel (except tin mill products).....	4,878	100.0	-	-	1.8	-	0.6	-	-
33124	Bars, bar shapes, and rods.....	266	100.0	1.0	0.5	-	0.2	1.6	1.3	-
335	Nonferrous metal basic shapes.....	76	100.0	3.3	1.2	.8	.3	2.0	-	-
336	Nonferrous and nonferrous base alloy castings.....	85	100.0	.2	-	1.1	4.5	2.4	.4	-
3369	Miscellaneous nonferrous metal castings	63	100.0	.1	-	1.5	5.3	3.0	.6	-
33692	Zinc and zinc base alloy castings.....	63	100.0	.2	-	1.5	5.4	3.0	.6	-
339	Miscellaneous primary metal products...	200	100.0	-	.2	-	.3	5.1	-	-
3391	Iron and steel forgings.....	176	100.0	-	.1	-	.4	5.8	-	-
33911	Iron and steel forgings.....	176	100.0	-	.1	-	.4	5.8	-	-
34	Fabricated metal products.....	1,915	100.0	.3	.1	.9	1.1	4.5	.4	0.1
344	Structural and miscellaneous metal products.....	326	100.0	.6	.4	2.0	.6	.9	-	.2
3441	Structural metal products.....	114	100.0	-	-	-	-	-	-	-
34411	Structural metal products, iron and steel.....	114	100.0	-	-	-	-	-	-	-
3444	Sheet metal products.....	27	100.0	-	.2	-	7.7	-	-	-
345	Bolts, nuts, screws, rivets, washers, and other industrial fasteners.....	232	100.0	-	-	.2	.5	2.7	.7	.4
3452	Bolts, nuts, screws, rivets, washers, and other industrial fasteners.....	232	100.0	-	-	.2	.5	2.7	.7	.4
34521	Bolts, nuts, screws, rivets, and washers.....	226	100.0	-	-	.2	.5	2.8	.7	.4
346	Metal stampings.....	840	100.0	-	-	.3	1.2	9.1	.2	-
3461	Metal stampings.....	840	100.0	-	-	.3	1.2	9.1	.2	-
34613	Automobile stampings.....	745	100.0	-	-	.3	1.1	10.2	.3	-
34615	Metal boxes, baskets, buckets, pails, and crates, except shipping.....	5	100.0	-	-	11.3	-	-	-	-
34619	Metal stampings, n.e.c.....	73	100.0	-	-	.2	2.5	.2	-	-
349	Miscellaneous fabricated metal products	174	100.0	.8	.6	.6	2.9	.3	.1	-
3491	Metal barrels, drums, kegs, and pails..	14	100.0	-	.9	-	-	-	-	-
34912	Steel shipping pails, barrels, drums, and kegs.....	13	100.0	-	1.0	-	-	-	-	-
35	Machinery, except electrical.....	592	100.0	.3	.4	2.9	1.1	2.8	.3	.4
3535	Conveyors and conveying equipment (except hoists and farm elevators)....	13	100.0	.1	-	.9	.8	2.2	-	-
35351	Conveyors and conveying equipment and parts, except hoists and farm elevators	13	100.0	.1	-	.9	.8	2.2	-	-
3537	Industrial trucks, tractors, trailers, stackers, and metal skids, pallets, and platforms.....	18	100.0	-	-	-	-	.2	.4	-
354	Metalworking machinery and equipment...	174	100.0	.1	1.0	1.3	.2	6.8	-	.2
3541	Machine tools, metal cutting types.....	60	100.0	-	.4	3.4	-	2.8	-	-
35412	Machine tools, metal cutting types.....	60	100.0	-	.4	3.4	-	2.8	-	-
3544	Special dies and tools, die sets, jigs, fixtures, and industrial molds and patterns.....	80	100.0	.1	-	-	-	12.7	.1	.3
35441	Special dies and tools, die sets, jigs, and fixtures.....	80	100.0	.1	-	-	-	12.7	.1	.3
3545	Machine tool accessories, measuring tools, and measuring devices.....	14	100.0	1.2	5.5	.4	.2	-	-	.1
35451	Small cutting tools for machine tools and metalworking machinery.....	14	100.0	1.2	5.5	.4	.2	-	-	.1
3548	Metalworking machinery (except machine tools).....	6	100.0	-	12.7	3.1	4.4	-	-	-
356	General industrial machinery and equipment.....	40	100.0	.3	.3	7.4	8.6	4.6	.3	1.7

See footnotes at end of table.

TABLE 4. Percent Distribution of Commodities, by Production Area of Destination: 1967--Continued

TCC code	Commodity	Percent distribution by production area ¹ of destination--Continued									
		8 (HARR)	9 (SYRA)	10 (BUFF)	11 (CLEV)	12 (PITT)	13 ² (DETR)	14 (CINC)	15 (CHIC)	16 (MILW)	17 (M-SP)
	TONS OF SHIPMENTS--Continued										
33123	Sheet and strip, iron and steel (except tin mill products).....	-	0.3	3.9	5.4	0.9	33.7	1.4	27.7	1.3	0.3
33124	Bars, bar shapes, and rods.....	-	.1	2.1	11.0	16.7	30.5	2.8	6.8	.2	-
335	Nonferrous metal basic shapes.....	0.1	2.0	3.6	16.6	.8	13.3	7.3	3.5	3.6	.8
336	Nonferrous and nonferrous base alloy castings.....	-	-	.1	5.4	-	36.2	1.9	3.3	7.7	.1
3369	Miscellaneous nonferrous metal castings.....	-	-	.1	3.9	-	38.4	.4	.4	7.1	.1
33692	Zinc and zinc base alloy castings.....	-	-	.1	3.9	-	38.6	.4	.4	7.2	.1
339	Miscellaneous primary metal products...	.1	.2	-	9.0	.3	41.6	.2	.2	2.3	.2
3391	Iron and steel forgings.....	-	.2	-	5.6	.2	47.2	-	.3	.2	.1
33911	Iron and steel forgings.....	-	.2	-	5.6	.2	47.2	-	.3	.2	.1
34	Fabricated metal products.....	-	.2	.3	4.7	.1	32.7	2.7	2.0	1.7	.3
344	Structural and miscellaneous metal products.....	.1	-	.1	4.8	-	15.1	1.3	2.9	.5	.7
3441	Structural metal products.....	-	-	-	12.6	-	33.0	-	5.3	-	1.4
34411	Structural metal products, iron and steel.....	-	-	-	12.6	-	33.0	-	5.3	-	1.4
3444	Sheet metal products.....	-	-	1.1	1.4	-	12.6	12.3	3.2	-	-
345	Bolts, nuts, screws, rivets, washers, and other industrial fasteners.....	-	.4	.5	8.0	.1	33.3	1.7	3.5	7.5	.3
3452	Bolts, nuts, screws, rivets, washers, and other industrial fasteners.....	-	.4	.5	8.0	.1	33.3	1.7	3.5	7.5	.3
34521	Bolts, nuts, screws, rivets, and washers.....	-	.5	.5	7.5	.1	33.1	1.7	3.6	7.0	.3
346	Metal stampings.....	-	.2	.1	3.2	-	44.6	.7	.2	1.5	.2
3461	Metal stampings.....	-	.2	.1	3.2	-	44.6	.7	.2	1.5	.2
34613	Automobile stampings.....	-	-	-	2.9	-	47.9	.2	.2	1.3	.2
34615	Metal boxes, baskets, buckets, pails, and crates, except shipping.....	-	-	-	6.0	-	48.8	10.8	-	-	-
34619	Metal stampings, n.e.c.....	-	2.7	1.2	4.1	-	11.5	4.8	.2	3.1	.3
349	Miscellaneous fabricated metal products.....	-	.1	.3	8.3	.1	27.3	9.2	4.0	.7	.8
3491	Metal barrels, drums, kegs, and pails..	-	-	-	-	-	33.0	26.6	.9	-	-
34912	Steel shipping pails, barrels, drums, and kegs.....	-	-	-	-	-	35.1	28.3	.9	-	-
35	Machinery, except electrical.....	.2	1.0	2.1	4.7	1.9	29.7	1.9	4.5	.6	1.2
3535	Conveyors and conveying equipment (except hoists and farm elevators)....	4.6	-	2.7	12.0	.3	5.0	2.9	8.5	.1	-
35351	Conveyors and conveying equipment and parts, except hoists and farm elevators	4.6	-	2.7	12.0	.3	5.0	2.9	8.5	.1	-
3537	Industrial trucks, tractors, trailers, stackers, and metal skids, pallets, and platforms.....	-	.2	-	16.6	-	26.5	22.0	1.7	2.7	.3
354	Metalworking machinery and equipment...	.1	.1	5.8	5.0	4.7	38.7	2.2	5.2	1.3	.1
3541	Machine tools, metal cutting types.....	-	.1	2.5	.5	-	42.3	.7	9.3	.1	-
35412	Machine tools, metal cutting types.....	-	.1	2.5	.5	-	42.3	.7	9.3	.1	-
3544	Special dies and tools, die sets, jigs, fixtures, and industrial molds and patterns.....	-	-	10.6	8.0	9.5	32.7	1.7	3.0	2.5	-
35441	Special dies and tools, die sets, jigs, and fixtures.....	-	-	10.6	8.0	9.5	32.7	1.7	3.0	2.5	-
3545	Machine tool accessories, measuring tools, and measuring devices.....	.2	.6	.2	5.8	4.3	15.2	12.9	3.0	.9	.3
35451	Small cutting tools for machine tools and metalworking machinery.....	.2	.6	.2	5.8	4.3	15.2	12.9	3.0	.9	.3
3548	Metalworking machinery (except machine tools).....	1.7	.1	-	19.8	-	9.2	4.8	11.3	-	-
356	General industrial machinery and equipment.....	-	.2	.9	4.4	-	7.4	1.2	1.2	.4	.1

See footnotes at end of table.

TABLE 4. Percent Distribution of Commodities, by Production Area of Destination: 1967--Continued

TCC code	Commodity	Percent distribution by production area ¹ of destination--Continued									Sampling variability code ³
		18 (STLO)	19 (ATLA)	20 (DALL)	21 (HOUS)	22 (DENV)	23 (SETL)	24 (SANF)	25 (LOSA)	All other	
	TONS OF SHIPMENTS--Continued										
33123	Sheet and strip, iron and steel (except tin mill products).....	0.1	-	-	-	-	-	-	-	22.6	a
33124	Bars, bar shapes, and rods.....	4.3	-	0.1	0.1	-	-	-	-	20.7	c
335	Nonferrous metal basic shapes.....	2.9	0.6	.9	.1	2.5	-	0.3	0.3	33.2	b
336	Nonferrous and nonferrous base alloy castings.....	2.0	.3	-	-	-	-	1.8	2.8	29.8	d
3369	Miscellaneous nonferrous metal castings	2.4	.3	-	-	-	-	2.4	3.4	30.6	d
33692	Zinc and zinc base alloy castings.....	2.4	.3	-	-	-	-	2.4	3.4	30.1	d
339	Miscellaneous primary metal products...	.1	-	-	-	-	-	-	-	40.2	c
3391	Iron and steel forgings.....	.1	-	-	-	-	-	-	-	39.8	c
33911	Iron and steel forgings.....	.1	-	-	-	-	-	-	-	39.8	c
34	Fabricated metal products.....	4.0	1.3	.7	-	-	0.1	.8	1.3	39.7	b
344	Structural and miscellaneous metal products.....	1.2	-	2.2	-	-	-	1.2	-	65.2	d
3441	Structural metal products.....	-	-	-	-	-	-	-	-	47.7	c
34411	Structural metal products, iron and steel.....	-	-	-	-	-	-	-	-	47.7	c
3444	Sheet metal products.....	-	-	-	-	-	-	-	-	61.5	d
345	Bolts, nuts, screws, rivets, washers, and other industrial fasteners.....	.7	.8	.7	-	-	.2	.1	.2	37.5	c
3452	Bolts, nuts, screws, rivets, washers, and other industrial fasteners.....	.7	.8	.7	-	-	.2	.1	.2	37.5	c
34521	Bolts, nuts, screws, rivets, and washers.....	.8	.8	.7	-	-	.2	.1	.2	38.3	c
346	Metal stampings.....	7.0	1.9	.3	-	-	.1	.5	2.3	26.4	b
3461	Metal stampings.....	7.0	1.9	.3	-	-	.1	.5	2.3	26.4	b
34613	Automobile stampings.....	7.7	2.2	.3	-	-	.1	.5	2.5	22.1	b
34615	Metal boxes, baskets, buckets, pails, and crates, except shipping.....	4.5	3.2	-	-	-	-	-	-	15.4	d
34619	Metal stampings, n.e.c.....	.2	.1	-	-	-	-	.9	.2	67.8	d
349	Miscellaneous fabricated metal products	6.9	1.3	-	-	.1	-	2.9	1.0	31.7	d
3491	Metal barrels, drums, kegs, and pails..	-	-	-	-	-	-	-	-	38.6	d
34912	Steel shipping pails, barrels, drums, and kegs.....	-	-	-	-	-	-	-	-	34.7	d
35	Machinery, except electrical .....	.7	1.3	.6	.3	-	.1	1.4	.8	38.8	b
3535	Conveyors and conveying equipment (except hoists and farm elevators)....	-	.4	7.8	-	-	-	.1	-	51.6	b
35351	Conveyors and conveying equipment and parts, except hoists and farm elevators.....	-	.4	7.8	-	-	-	.1	-	51.6	b
3537	Industrial trucks, tractors, trailers, stackers, and metal skids, pallets, and platforms.....	-	-	-	-	-	-	1.4	1.0	27.0	c
354	Metalworking machinery and equipment...	1.6	.1	.7	.1	-	-	.3	.3	24.1	b
3541	Machine tools, metal cutting types.....	.1	-	1.7	.1	-	-	.1	.1	35.8	d
35412	Machine tools, metal cutting types.....	.1	-	1.7	.1	-	-	.1	.1	35.8	d
3544	Special dies and tools, die sets, jigs, fixtures, and industrial molds and patterns.....	3.2	.2	.1	-	-	-	.1	.4	14.8	d
35441	Special dies and tools, die sets, jigs, and fixtures.....	3.2	.2	.1	-	-	-	.1	.4	14.8	d
3545	Machine tool accessories, measuring tools, and measuring devices.....	.5	.1	.5	.1	.4	.6	2.6	1.2	43.2	d
35451	Small cutting tools for machine tools and metalworking machinery.....	.5	.1	.5	.1	.4	.6	2.6	1.2	43.2	d
3548	Metalworking machinery (except machine tools).....	.9	-	-	-	-	-	-	-	32.0	c
356	General industrial machinery and equipment.....	.7	-	.4	.7	.1	-	.1	1.9	57.1	d

See footnotes at end of table.

TABLE 4. Percent Distribution of Commodities, by Production Area of Destination: 1967 --Continued

TCC code	Commodity	Number	Percent distribution by production area ¹ of destination							
			Total	1 (BOST)	2 (HART)	3 (NYNY)	4 (N. NJ)	5 (PHIL)	6 (BALT)	7 (ALLN)
	TONS OF SHIPMENT--Continued	(thousands of tons)								
357	Office, computing, and accounting machines.....	10	100.0	2.0	0.2	8.2	1.2	4.6	1.6	-
359	Miscellaneous machinery and parts (except electrical).....	62	100.0	.1	.2	10.7	1.6	.5	.1	0.2
3599	Miscellaneous machinery and parts (except electrical).....	62	100.0	.1	.2	10.7	1.6	.5	.1	.2
35999	Machinery and parts, n.e.c. (except electrical).....	51	100.0	.1	.2	12.4	1.8	.5	.1	.2
36	Electrical machinery and equipment.....	301	100.0	1.1	4.3	3.7	.7	2.2	.1	2.7
3621	Motors and generators.....	35	100.0	-	.1	-	.6	9.4	-	-
36211	Motors.....	1	100.0	1.0	1.3	-	-	-	-	-
366	Communication equipment.....	7	100.0	-	6.4	.1	12.5	-	-	-
37	Transportation equipment.....	10,483	100.0	1.2	.6	2.9	3.7	1.8	2.9	.1
371	Motor vehicles and motor vehicle equipment.....	10,385	100.0	1.2	.6	2.9	3.8	1.8	2.9	.1
3711	Motor vehicles.....	4,144	100.0	2.4	1.3	4.0	2.5	1.6	.5	.2
37112	Truck tractors and trucks, assembled...	541	100.0	.2	.7	1.6	.7	.7	-	.2
3714	Motor vehicle parts and accessories....	6,239	100.0	.5	.1	2.1	4.6	1.9	4.5	-
37148	Motor vehicle wheels and parts.....	824	100.0	-	.6	3.4	2.7	1.8	2.3	-
38	Instruments, photographic goods, opti- cal goods, watches, and clocks.....	31	100.0	6.2	-	5.2	3.1	1.7	.3	-
	TON-MILES OF SHIPMENTS	(millions of ton-miles)								
	Production Area 13, total.....	11,483	100.0	1.4	.8	2.2	2.9	5.0	1.3	.9
20	Food and kindred products.....	382	100.0	2.7	.5	.9	4.6	.5	.6	.1
208	Beverages and flavoring extracts.....	138	100.0	.3	.9	.6	.6	.8	.3	.2
2086	Bottled and canned soft drinks and car- bonated, mineral, and plain waters....	23	100.0	-	-	-	-	-	-	-
20861	Bottled and canned soft drinks and car- bonated, mineral, and plain waters....	23	100.0	-	-	-	-	-	-	-
26	Pulp, paper, and allied products.....	216	100.0	1.1	.8	2.8	3.3	2.5	.1	.6
265	Containers, boxes and related products, paperborad, fiberboard, and pulpboard.	33	100.0	-	-	-	.7	-	-	-
2651	Containers, boxes, baskets, pallets and skids, paperboard, fiberboard, and pulpboard.....	33	100.0	-	-	-	.7	-	-	-
26511	Containers and boxes, paperboard, fiberboard, and pulpboard.....	33	100.0	-	-	-	.7	-	-	-
282	Plastic materials and plasticizers, synthetic resins, rubbers, and fibers.	89	100.0	.8	4.5	.7	9.1	3.2	1.4	.6
2821	Plastic materials and plasticizers, synthetic resins, rubbers, and fibers.	89	100.0	.8	4.5	.7	9.1	3.2	1.4	.6
28211	Plastic materials and plasticizers, synthetic resins, and nonvulcanizable elastomers.....	89	100.0	.8	4.5	.7	9.1	3.2	1.4	.6
284	Soap and detergents, cleaning prepara- tions, perfumes, cosmetics, and other toilet preparations.....	49	100.0	.8	1.2	2.4	.2	.7	.2	-
285	Paints, varnishes, lacquers, enamels, and allied products.....	74	100.0	3.3	.2	.7	13.7	3.5	.3	.2
2851	Paints, varnishes, lacquers, enamels, and allied products.....	74	100.0	3.3	.2	.7	13.7	3.5	.3	.2
28511	Paints, varnishes, lacquers, enamels, and shellacs.....	73	100.0	3.4	.2	.3	13.9	3.5	.3	.2

See footnotes at end of table.

TABLE 4. Percent Distribution of Commodities, by Production Area of Destination: 1967--Continued

TCC code	Commodity	Percent distribution by production area ¹ of destination--Continued									
		8 (HARR)	9 (SYRA)	10 (BUFF)	11 (CLEV)	12 (PITT)	13 ² (DETR)	14 (CINC)	15 (CHIC)	16 (MILW)	17 (M-SP)
	TONS OF SHIPMENTS--Continued										
357	Office, computing, and accounting machines.....	0.5	0.4	1.3	0.3	0.1	6.6	0.4	2.5	0.6	4.0
359	Miscellaneous machinery and parts (except electrical).....	.1	-	1.1	8.8	3.0	29.9	.4	2.5	.5	.5
3599	Miscellaneous machinery and parts (except electrical).....	.1	-	1.1	8.8	3.0	29.9	.4	2.5	.5	.5
35999	Machinery and parts, n.e.c. (except electrical).....	-	-	.8	3.4	3.6	26.6	.5	2.9	.1	.5
36	Electrical machinery and equipment.....	.2	1.5	1.5	4.6	.6	11.5	2.8	10.9	2.2	.2
3621	Motors and generators.....	-	-	-	1.4	1.0	30.2	-	23.9	-	-
36211	Motors.....	-	-	-	2.4	-	81.5	-	9.6	-	-
366	Communication equipment.....	-	-	-	.3	-	24.3	.7	10.7	.1	.3
37	Transportation equipment.....	.2	.5	.9	3.5	.6	18.3	3.2	3.6	.9	1.1
371	Motor vehicles and motor vehicle equipment.....	.2	.5	.9	3.5	.6	18.4	3.3	3.5	.9	1.1
3711	Motor vehicles.....	.4	.7	1.7	5.2	1.5	8.3	2.3	5.1	.8	.7
37112	Truck tractors and trucks, assembled...	.4	.4	-	3.2	.5	5.8	3.0	3.3	.1	.6
3714	Motor vehicle parts and accessories....	-	.4	.3	2.4	-	25.2	3.9	2.5	1.0	1.4
37148	Motor vehicle wheels and parts.....	-	2.6	-	2.2	-	27.2	5.1	2.2	6.0	.8
38	Instruments, photographic goods, opti- cal goods, watches, and clocks.....	1.4	.5	1.3	1.4	.4	23.4	.4	3.3	.3	.5
	TON-MILES OF SHIPMENTS										
	Production Area 13, total.....	.2	1.8	1.7	2.2	1.9	3.3	1.8	5.3	.6	1.2
20	Food and kindred products.....	1.4	.7	1.8	6.2	1.6	4.3	5.2	6.4	.1	1.2
208	Beverages and flavoring extracts.....	1.1	-	.5	9.2	.9	5.2	7.0	5.1	.1	2.6
2086	Bottled and canned soft drinks and car- bonated, mineral, and plain waters....	-	-	-	2.0	-	12.9	5.7	1.0	-	-
20861	Bottled and canned soft drinks and car- bonated, mineral, and plain waters....	-	-	-	2.0	-	12.9	5.7	1.0	-	-
26	Pulp, paper, and allied products.....	3.5	.6	.6	1.2	.7	4.6	2.7	8.6	.5	.1
265	Containers, boxes and related products, paperboard, fiberboard, and pulpboard.	-	-	.2	1.1	-	23.1	.2	.9	-	-
2651	Containers, boxes, baskets, pallets and skids, paperboard, fiberboard, and pulpboard.....	-	-	.1	1.1	-	23.1	.2	.9	-	-
26511	Containers and boxes, paperboard, fiberboard, and pulpboard.....	-	-	.1	1.1	-	23.2	.2	.9	-	-
282	Plastic materials and plasticizers, synthetic resins, rubbers, and fibers.	1.2	.7	.9	2.4	1.3	2.1	.7	12.0	1.4	4.1
2821	Plastic materials and plasticizers, synthetic resins, rubbers, and fibers.	1.2	.7	.9	2.4	1.3	2.1	.7	12.0	1.4	4.1
28211	Plastic materials and plasticizers, synthetic resins, and nonvulcanizable elastomers.....	1.2	.7	.9	2.4	1.3	2.1	.7	12.0	1.4	4.1
284	Soap and detergents, cleaning prepara- tions, perfumes, cosmetics, and other toilet preparations.....	-	-	.6	1.8	.3	.4	.8	.5	1.2	18.4
285	Paints, varnishes, lacquers, enamels, and allied products.....	-	.2	.9	2.5	.3	2.2	.7	4.8	.8	3.8
2851	Paints, varnishes, lacquers, enamels, and allied products.....	-	.2	.9	2.5	.3	2.2	.7	4.8	.8	3.8
28511	Paints, varnishes, lacquers, enamels, and shellacs.....	-	.1	.9	2.5	.3	2.2	.7	4.8	.8	3.8

See footnotes at end of table.

TABLE 4. Percent Distribution of Commodities, by Production Area of Destination: 1967--Continued

TCC code	Commodity	Percent distribution by production area ¹ of destination--Continued									Sampling variability code ³
		18 (STLO)	19 (ATLA)	20 (DALL)	21 (HOUS)	22 (DENV)	23 (SETL)	24 (SANF)	25 (LOSA)	All other	
	TONS OF SHIPMENTS--Continued										
357	Office, computing and accounting machines.....	0.1	1.0	3.7	0.2	-	0.3	2.1	1.9	56.2	c
359	Miscellaneous machinery and parts (except electrical).....	.1	9.4	-	.9	-	.2	.3	.2	28.7	b
3599	Miscellaneous machinery and parts (except electrical).....	.1	9.4	-	.9	-	.2	.3	.2	28.7	b
35999	Machinery and parts, n.e.c. (except electrical).....	.1	11.1	-	1.1	-	.3	.3	.1	33.3	c
36	Electrical machinery and equipment.....	.9	.9	.3	.2	0.1	.1	2.0	3.5	41.2	d
3621	Motors and generators.....	2.0	-	-	-	-	-	.2	.1	31.1	d
36211	Motors.....	-	-	-	-	-	-	-	-	4.2	d
366	Communication equipment.....	21.9	-	-	-	-	-	-	.1	22.6	d
37	Transportation equipment.....	5.3	2.5	1.8	.6	.2	.3	3.3	3.6	36.4	a
371	Motor vehicles and motor vehicle equipment.....	5.3	2.5	1.9	.6	.2	.2	3.3	3.6	36.2	a
3711	Motor vehicles.....	1.1	.9	1.0	1.2	.4	.4	1.5	3.0	51.3	a
37112	Truck tractors and trucks, assembled...	.5	.2	1.3	1.2	.4	.6	.7	2.0	71.7	a
3714	Motor vehicle parts and accessories....	8.1	3.6	2.4	.2	-	.1	4.5	4.1	26.2	a
37148	Motor vehicle wheels and parts.....	12.2	2.8	1.6	-	-	.2	2.9	1.4	22.0	a
38	Instruments, photographic goods, optical goods, watches, and clocks.....	.6	.4	.6	.1	-	15.5	2.3	9.3	21.8	d
	TON-MILES OF SHIPMENTS										
	Production Area 13, total.....	3.1	2.1	2.1	.7	.3	.7	7.1	7.8	41.6	-
20	Food and kindred products.....	.3	1.0	1.6	.1	-	-	2.3	-	55.9	-
208	Beverages and flavoring extracts.....	.1	-	2.3	-	-	-	2.7	-	59.5	-
2086	Bottled and canned soft drinks and carbonated, mineral, and plain waters....	-	-	-	-	-	-	-	-	78.4	-
20861	Bottled and canned soft drinks and carbonated, mineral, and plain waters....	-	-	-	-	-	-	-	-	78.4	-
26	Pulp, paper, and allied products.....	2.4	.6	-	-	.8	2.9	.2	1.2	57.3	-
265	Containers, boxes and related products, paperboard, fiberboard, and pulpboard.	-	2.9	-	-	5.4	-	-	.1	65.4	-
2651	Containers, boxes, baskets, pallets and skids, paperboard, fiberboard, and pulpboard.....	-	2.9	-	-	5.4	-	-	-	65.6	-
26511	Containers and boxes, paperboard, fiberboard, and pulpboard.....	-	2.9	-	-	5.5	-	-	-	65.4	-
282	Plastic materials and plasticizers, synthetic resins, rubbers, and fibers.	.4	2.9	1.2	-	.4	-	-	9.5	38.2	-
2821	Plastic materials and plasticizers, synthetic resins, rubbers, and fibers.	.4	2.9	1.2	-	.4	-	-	9.5	38.2	-
28211	Plastic materials and plasticizers, synthetic resins, and nonvulcanizable elastomers.....	.4	2.9	1.2	-	.4	-	-	9.5	38.2	-
284	Soap and detergents, cleaning preparations, perfumes, cosmetics, and other toilet preparations.....	4.9	1.2	1.4	.1	2.4	-	3.0	7.6	49.9	-
285	Paints, varnishes, lacquers, enamels, and allied products.....	6.1	6.8	3.0	2.4	.4	.1	.2	5.3	37.5	-
2851	Paints, varnishes, lacquers, enamels, and allied products.....	6.1	6.8	3.0	2.4	.4	.1	.2	5.3	37.5	-
28511	Paints, varnishes, lacquers, enamels, and shellacs.....	6.1	6.9	3.0	2.4	.4	.1	.2	5.4	37.4	-

See footnotes at end of table.

TABLE 4. Percent Distribution of Commodities, by Production Area of Destination: 1967 --Continued

TCC code	Commodity	Number	Percent distribution by production area ¹ of destination							
			Total	1 (BOST)	2 (HART)	3 (NYNY)	4 (N. NJ)	5 (PHIL)	6 (BALT)	7 (ALLN)
	TON-MILES OF SHIPMENTS--Continued	(millions of ton-miles)								
29	Petroleum and coal products.....	613	100.0	0.1	0.1	0.1	1.8	0.7	-	-
291	Products of petroleum refining.....	278	100.0	.1	-	-	.8	-	-	-
2911	Products of petroleum refining (except liquefied petroleum gases and petroleum coke and breeze).....	246	100.0	.1	-	-	.9	-	-	-
29113	Distillate fuel oil.....	33	100.0	-	-	-	-	-	-	-
29119	Products of petroleum refining, n.e.c..	18	100.0	-	-	-	12.9	-	-	-
299	Miscellaneous petroleum and coal products.....	319	100.0	-	-	.2	2.5	1.3	-	-
2991	Miscellaneous petroleum and coal products.....	319	100.0	-	-	.2	2.5	1.3	-	-
30	Rubber and miscellaneous plastics products.....	84	100.0	1.4	6.5	1.0	.9	2.3	0.2	-
307	Miscellaneous plastic products.....	17	100.0	1.2	12.0	.7	2.2	9.7	.5	-
3071	Miscellaneous plastic products.....	17	100.0	1.2	12.0	.7	2.2	9.7	.5	-
30714	Unsupported vinyl and polyethylene film and sheeting.....	5	100.0	-	40.2	.2	-	9.6	.3	-
32	Stone, clay, and glass products.....	360	100.0	3.0	1.0	3.6	2.3	2.6	1.6	0.1
32113	Laminated and safety glass.....	74	100.0	.9	-	1.6	.5	6.6	-	.3
327	Concrete, gypsum, plaster, and plaster products.....	19	100.0	11.3	-	-	-	-	-	-
3271	Concrete products.....	19	100.0	11.3	-	-	-	-	-	-
33	Primary metal products.....	1,548	100.0	.2	.1	2.8	.2	15.2	.1	1.4
331	Steel works and rolling mill products..	1,433	100.0	.1	-	3.0	-	15.9	.1	1.5
3312	Primary iron and steel products (except coke-oven products).....	878	100.0	.2	.1	4.8	.1	2.1	.2	-
33123	Sheet and strip, iron and steel (except tin mill products).....	766	100.0	-	-	5.5	-	1.8	-	-
33124	Bars, bar shapes, and rods.....	42	100.0	3.7	1.6	.1	.7	4.5	3.3	-
335	Nonferrous metal basic shapes.....	22	100.0	7.1	2.2	1.3	.5	3.0	-	-
336	Nonferrous and nonferrous base alloy castings.....	23	100.0	.4	-	2.0	8.1	3.8	.7	-
3369	Miscellaneous nonferrous metal castings	19	100.0	.3	-	2.4	8.9	4.3	.8	-
33692	Zinc and zinc base alloy castings.....	18	100.0	.3	-	2.4	8.9	4.3	.8	-
339	Miscellaneous primary metal products...	31	100.0	.1	.6	-	1.0	13.9	-	-
3391	Iron and steel forgings.....	22	100.0	.1	.4	.1	1.4	19.3	-	-
33911	Iron and steel forgings.....	22	100.0	.1	.4	.1	1.4	19.3	-	-
34	Fabricated metal products.....	664	100.0	.5	.2	1.3	1.4	5.6	.4	.1
344	Structural and miscellaneous metal products.....	157	100.0	.7	.4	2.0	.6	.9	-	.2
3441	Structural metal products.....	12	100.0	-	-	-	.1	-	-	-
34411	Structural metal products, iron and steel.....	12	100.0	-	-	-	.1	-	-	-
3444	Sheet metal products.....	8	100.0	-	.3	-	12.6	-	-	-
345	Bolts, nuts, screws, rivets, washers, and other industrial fasteners.....	42	100.0	.1	.1	.6	1.3	5.6	1.5	.9
3452	Bolts, nuts, screws, rivets, washers, and other industrial fasteners.....	42	100.0	.1	.1	.6	1.3	6.6	1.5	.9
34521	Bolts, nuts, screws, rivets, and washers.....	41	100.0	.1	.1	.7	1.4	6.7	1.5	.9
346	Metal stampings.....	202	100.0	.1	-	.7	2.4	15.9	.4	-
3461	Metal stampings.....	202	100.0	.1	-	.7	2.4	15.9	.4	-
34613	Automobile stampings.....	179	100.0	.1	-	.5	2.1	17.8	.5	-
34615	Metal boxes, baskets, buckets, pails, and crates, except shipping.....	1	100.0	-	-	31.2	-	-	-	-
34619	Metal stampings, n.e.c....	18	100.0	.1	-	.4	4.9	.4	-	-

See footnotes at end of table.

TABLE 4. Percent Distribution of Commodities, by Production Area of Destination: 1967--Continued

TCC code	Commodity	Percent distribution by production area ¹ of destination--Continued									
		8 (HARR)	9 (SYRA)	10 (BUFF)	11 (CLEV)	12 (PITT)	13 ² (DETR)	14 (CINC)	15 (CHIC)	16 (MILW)	17 (M-SP)
	TON-MILES OF SHIPMENTS--Continued										
29	Petroleum and coal products.....	0.1	0.3	13.4	7.8	23.0	14.2	1.1	1.9	-	-
291	Products of petroleum refining.....	-	-	17.2	16.1	1.2	26.3	2.4	.4	-	-
2911	Products of petroleum refining (except liquefied petroleum gases and petroleum coke and breeze).....	-	-	19.4	16.3	1.3	29.2	2.5	.4	-	-
29113	Distillate fuel oil.....	-	-	41.4	3.7	-	4.8	-	-	-	-
29119	Products of petroleum refining, n.e.c..	-	-	14.7	4.1	16.7	14.3	19.1	-	-	-
299	Miscellaneous petroleum and coal products.....	-	.5	10.8	.8	43.0	3.2	-	3.2	-	-
2991	Miscellaneous petroleum and coal products.....	-	.5	10.8	.8	43.0	3.2	-	3.2	-	-
30	Rubber and miscellaneous plastics products.....	-	-	.2	.5	.3	3.0	.7	2.7	0.1	9.5
307	Miscellaneous plastic products.....	-	-	-	2.0	.8	4.7	1.4	5.3	.7	1.2
3071	Miscellaneous plastic products.....	-	-	-	2.0	.8	4.7	1.4	5.3	.7	1.2
30714	Unsupported vinyl and polyethylene film and sheeting.....	-	-	-	-	2.9	3.3	1.4	.2	.1	-
32	Stone, clay, and glass products.....	.1	.5	.5	2.1	.7	16.5	.9	.7	.6	2.2
32113	Laminated and safety glass.....	-	.5	.1	2.0	1.9	5.7	3.9	.4	.9	-
327	Concrete, gypsum, plaster, and plaster products.....	-	4.3	-	13.7	-	44.8	-	2.1	.6	-
3271	Concrete products.....	-	4.3	-	13.7	-	44.8	-	2.1	.6	-
33	Primary metal products.....	.1	10.7	4.0	3.5	2.3	5.4	1.9	21.0	1.3	.8
331	Steel works and rolling mill products..	-	11.5	4.3	3.3	2.4	4.9	1.8	22.5	1.2	.6
3312	Primary iron and steel products (except coke-oven products).....	-	.7	5.0	3.6	3.7	7.1	1.7	35.6	1.9	1.0
33123	Sheet and strip, iron and steel (except tin mill products).....	-	.8	5.5	3.5	1.0	7.7	1.8	38.7	2.1	1.2
33124	Bars, bar shapes, and rods.....	-	.1	2.8	7.1	21.0	3.8	3.9	9.8	.3	-
335	Nonferrous metal basic shapes.....	.1	3.1	3.2	6.5	.6	2.3	5.2	2.9	3.1	1.5
336	Nonferrous and nonferrous base alloy castings.....	-	-	.1	2.0	-	7.1	1.2	2.8	6.8	.2
3369	Miscellaneous nonferrous metal castings	-	-	.1	1.2	-	6.1	.2	.3	5.8	.2
33692	Zinc and zinc base alloy castings.....	-	-	.1	1.2	-	6.1	.2	.3	5.8	.2
339	Miscellaneous primary metal products...	.3	.5	-	7.2	.4	4.7	.2	.3	4.0	.6
3391	Iron and steel forgings.....	-	.7	.1	5.0	.4	6.5	.1	.4	.4	.2
33911	Iron and steel forgings.....	-	.7	.1	5.0	.4	6.5	.1	.4	.4	.2
34	Fabricated metal products.....	-	.2	.2	1.4	.1	2.5	1.4	1.4	1.2	.5
344	Structural and miscellaneous metal products.....	.1	-	-	1.1	-	1.3	.6	1.6	.3	.8
3441	Structural metal products.....	-	-	-	12.5	-	13.8	-	12.8	-	7.0
34411	Structural metal products, iron and steel.....	-	-	-	12.5	-	13.8	-	12.8	-	7.0
3444	Sheet metal products.....	-	-	.8	.6	-	1.6	9.7	3.1	-	-
345	Bolts, nuts, screws, rivets, washers, and other industrial fasteners.....	-	1.0	.6	4.6	.2	5.8	2.1	5.1	9.9	.9
3452	Bolts, nuts, screws, rivets, washers, and other industrial fasteners.....	-	1.0	.6	4.6	.2	5.8	2.1	5.1	9.9	.9
34521	Bolts, nuts, screws, rivets, and washers.....	-	1.0	.6	4.2	.2	5.7	2.1	5.2	9.3	.9
346	Metal stampings.....	-	.4	.1	1.4	-	3.0	.4	.2	1.5	.4
3461	Metal stampings.....	-	.4	.1	1.4	-	3.0	.4	.2	1.5	.4
34613	Automobile stampings.....	-	-	-	1.2	-	3.1	.2	.2	1.4	.4
34615	Metal boxes, baskets, buckets, pails, and crates, except shipping.....	-	-	-	3.4	-	4.1	13.1	-	-	-
34619	Metal stampings, n.e.c.....	-	4.4	1.1	1.7	-	1.2	2.3	.1	3.3	.6

See footnotes at end of table.

TABLE 4. Percent Distribution of Commodities, by Production Area of Destination: 1967--Continued

TCC code	Commodity	Percent distribution by production area ¹ of destination--Continued									Sampling variability code ³
		18 (STLO)	19 (ATLA)	20 (DALL)	21 (HOUS)	22 (DENV)	23 (SETL)	24 (SANF)	25 (LOSA)	All other	
	TON-MILES OF SHIPMENTS--Continued										
29	Petroleum and coal products.....	0.2	0.1	-	0.1	-	-	1.3	-	33.7	-
291	Products of petroleum refining.....	.1	-	-	.2	-	-	3.0	-	32.2	-
2911	Products of petroleum refining (except liquefied petroleum gases and petroleum coke and breeze).....	.1	-	-	.3	-	-	3.4	-	26.1	-
29113	Distillate fuel oil.....	-	-	-	-	-	-	-	-	50.1	-
29119	Products of petroleum refining, n.e.c..	-	-	-	-	-	-	-	-	18.2	-
299	Miscellaneous petroleum and coal products.....	.4	-	-	-	-	-	-	-	34.1	-
2991	Miscellaneous petroleum and coal products.....	.4	-	-	-	-	-	-	-	34.1	-
30	Rubber and miscellaneous plastics products.....	12.9	.9	8.8	1.9	-	-	3.3	3.2	39.7	-
307	Miscellaneous plastic products.....	1.5	2.2	.9	-	-	-	7.1	10.2	35.7	-
3071	Miscellaneous plastic products.....	1.5	2.2	.9	-	-	-	7.1	10.2	35.7	-
30714	Unsupported vinyl and polyethylene film and sheeting.....	-	3.0	-	-	-	-	.1	2.5	36.2	-
32	Stone, clay, and glass products.....	1.8	4.1	1.1	.3	1.6	0.3	.8	6.4	44.6	-
32113	Laminated and safety glass.....	8.0	19.3	1.3	1.0	.5	.3	2.1	5.7	36.5	-
327	Concrete, gypsum, plaster, and plaster products.....	-	-	-	-	-	-	-	-	23.2	-
3271	Concrete products.....	-	-	-	-	-	-	-	-	23.2	-
33	Primary metal products.....	.6	-	.1	-	.1	-	.5	.4	27.3	-
331	Steel works and rolling mill products..	.6	-	-	-	-	-	.2	-	26.1	-
3312	Primary iron and steel products (except coke-oven products).....	.9	-	-	-	-	-	.4	.1	30.8	-
33123	Sheet and strip, iron and steel (except tin mill products).....	.4	-	-	-	-	-	.3	-	29.7	-
33124	Bars, bar shapes, and rods.....	12.1	-	.4	.4	-	.1	.4	-	23.9	-
335	Nonferrous metal basic shapes.....	4.6	1.1	3.2	.3	10.0	.1	2.3	2.3	33.5	-
336	Nonferrous and nonferrous base alloy castings.....	3.3	.7	-	-	-	.2	13.5	20.3	26.8	-
3369	Miscellaneous nonferrous metal castings	3.7	.7	.1	-	-	.3	16.5	22.6	25.5	-
33692	Zinc and zinc base alloy castings.....	3.7	.7	.1	-	-	.3	16.6	22.7	25.3	-
339	Miscellaneous primary metal products...	.3	-	-	-	-	-	.3	.1	65.5	-
3391	Iron and steel forgings.....	.4	-	-	-	-	-	.3	.1	64.1	-
33911	Iron and steel forgings.....	.4	-	-	-	-	-	.3	.1	64.1	-
34	Fabricated metal products.....	5.2	2.3	2.1	-	.1	.3	4.9	7.5	59.2	-
344	Structural and miscellaneous metal products.....	1.1	-	4.5	-	-	-	5.0	-	78.8	-
3441	Structural metal products.....	-	-	-	-	-	-	-	-	53.8	-
34411	Structural metal products, iron and steel.....	-	-	-	-	-	-	-	-	53.8	-
3444	Sheet metal products.....	-	-	-	-	-	-	.1	-	71.2	-
345	Bolts, nuts, screws, rivets, washers, and other industrial fasteners.....	1.9	2.5	3.8	.1	-	1.8	1.6	1.9	45.1	-
3452	Bolts, nuts, screws, rivets, washers, and other industrial fasteners.....	1.9	2.5	3.8	.1	-	1.8	1.6	1.9	45.1	-
34521	Bolts, nuts, screws, rivets, and washers.....	1.9	2.6	3.9	.1	-	1.8	1.6	1.9	45.6	-
346	Metal stampings.....	13.2	4.8	1.1	-	-	.6	4.7	18.8	29.9	-
3461	Metal stampings.....	13.2	4.8	1.1	-	-	.6	4.7	18.8	29.9	-
34613	Automobile stampings.....	14.6	5.3	1.2	-	-	.6	4.1	20.7	26.0	-
34615	Metal boxes, baskets, buckets, pails, and crates, except shipping.....	11.7	10.9	-	-	-	-	-	-	25.6	-
34619	Metal stampings, n.e.c.....	.3	.3	.2	-	-	-	7.7	1.6	69.4	-

See footnotes at end of table.

TABLE 4. Percent Distribution of Commodities, by Production Area of Destination: 1967 --Continued

TCC code	Commodity	Number	Percent distribution by production area ¹ of destination							
			Total	1 (BOST)	2 (HART)	3 (NYNY)	4 (N. NJ)	5 (PHIL)	6 (BALT)	7 (ALLN)
	TON-MILES OF SHIPMENTS--Continued	(millions of ton-miles)								
349	Miscellaneous fabricated metal products	54	100.0	1.4	1.0	1.0	4.5	0.4	0.1	0.1
3491	Metal barrels, drums, kegs, and pails..	2	100.0	-	3.2	-	-	-	-	-
34912	Steel shipping pails, barrels, drums, and kegs.....	2	100.0	-	3.2	-	-	-	-	-
35	Machinery, except electrical.....	205	100.0	.5	.6	4.2	1.5	3.9	.4	.5
3535	Conveyors and conveying equipment (except hoists and farm elevators)....	6	100.0	.1	-	1.0	.9	2.3	-	-
35351	Conveyors and conveying equipment and parts, except hoists and farm elevators	6	100.0	.1	-	1.0	.9	2.3	-	-
3537	Industrial trucks, tractors, trailers, stackers, and metal skids, pallets, and platforms.....	5	100.0	.1	-	-	-	.3	.6	.6
354	Metalworking machinery and equipment...	36	100.0	.4	2.6	3.1	.4	15.9	.1	.3
3541	Machine tools, metal cutting types.....	12	100.0	-	1.1	8.1	.1	6.3	-	-
35412	Machine tools, metal cutting types.....	12	100.0	-	1.1	8.1	.1	6.3	-	-
3544	Special dies and tools, die sets, jigs, fixtures, and industrial molds and patterns.....	17	100.0	.2	.1	.1	.1	29.9	.2	.6
35441	Special dies and tools, die sets, jigs, and fixtures.....	17	100.0	.2	.1	.1	.1	29.9	.2	.6
3545	Machine tool accessories, measuring tools, and measuring devices.....	5	100.0	2.1	8.7	.6	.3	.1	.1	.2
35451	Small cutting tools for machine tools and metalworking machinery.....	5	100.0	2.1	8.7	.6	.3	.1	.1	.2
3548	Metalworking machinery (except machine tools).....	2	100.0	-	23.2	5.2	7.2	-	-	-
356	General industrial machinery and equipment.....	17	100.0	.4	.4	8.3	9.6	4.7	.3	1.6
357	Office, computing, and accounting machines.....	6	100.0	2.3	.2	7.4	1.1	3.7	1.1	-
359	Miscellaneous machinery and parts (except electrical).....	24	100.0	.1	.3	14.5	2.1	.6	.1	.2
3599	Miscellaneous machinery and parts (except electrical).....	24	100.0	.1	.3	14.5	2.1	.6	.1	.2
35999	Machinery and parts, n.e.c. (except electrical).....	22	100.0	.1	.3	15.1	2.2	.6	.1	.2
36	Electrical machinery and equipment.....	132	100.0	1.5	5.3	4.2	.8	2.2	.1	2.7
3621	Motors and generators.....	10	100.0	.1	.1	.1	1.1	14.1	-	-
36211	Motors.....	-	-	-	-	-	-	-	-	-
366	Communication equipment.....	2	100.0	.1	8.8	.1	17.5	-	-	-
37	Transportation equipment.....	5,183	100.0	1.5	.6	2.9	3.6	1.6	2.5	.1
371	Motor vehicle and motor vehicle equipment.....	5,138	100.0	1.5	.6	2.9	3.7	1.6	2.5	.1
3711	Motor vehicle.....	2,262	100.0	2.7	1.2	3.7	2.2	1.3	.4	.2
37112	Truck tractors and trucks, assembled...	280	100.0	.2	.7	1.6	.6	.5	-	.1
3714	Motor vehicle parts and accessories....	2,876	100.0	.6	.1	2.4	4.8	1.8	4.2	-
37148	Motor vehicle wheels and parts.....	337	100.0	-	.8	4.0	3.1	1.9	2.2	-
38	Instruments, photographic goods, optical goods, watches, and clocks.....	25	100.0	4.6	-	3.1	1.8	.9	.1	-

See footnotes at end of table.

TABLE 4. Percent Distribution of Commodities, by Production Area of Destination: 1967--Continued

TCC code	Commodity	Percent distribution by production area ¹ of destination--Continued									
		8 (HARR)	9 (SYRA)	10 (BUFF)	11 (CLEV)	12 (PITT)	13 ² (DETR)	14 (CINC)	15 (CHIC)	16 (MILW)	17 (M-SP)
	TON-MILES OF SHIPMENTS--Continued										
349	Miscellaneous fabricated metal products	0.2	0.3	2.8	0.1	3.5	3.5	4.2	2.9	0.6	1.4
3491	Metal barrels, drums, kegs, and pails..	-	-	-	-	-	5.5	32.8	1.3	-	-
34912	Steel shipping pails, barrels, drums, and kegs.....	-	-	-	-	-	5.6	33.3	1.3	-	-
35	Machinery, except electrical.....	.2	1.3	1.4	1.5	1.2	2.4	1.2	3.1	.4	1.8
3535	Conveyors and conveying equipment (except hoists and farm elevators)....	3.9	-	1.3	3.2	.1	.3	1.3	5.4	.1	-
35351	Conveyors and conveying equipment and parts, except hoists and farm elevators.....	3.9	-	1.3	3.2	.1	.3	1.3	5.4	.1	-
3537	Industrial trucks, tractors, trailers, stackers, and metal skids, pallets, and platforms.....	-	.3	-	8.3	-	2.6	17.7	1.4	2.3	.6
354	Metalworking machinery and equipment...	.1	.2	6.2	2.5	5.2	6.0	2.3	5.6	1.4	.1
3541	Machine tools, metal cutting types.....	-	.1	2.6	.3	-	6.3	.7	9.6	.2	.1
35412	Machine tools, metal cutting types.....	-	.1	2.6	.3	-	6.3	.7	9.6	.2	.1
3544	Special dies and tools, die sets, jigs, fixtures, and industrial molds and patterns.....	-	-	11.5	4.1	10.4	3.5	1.7	3.4	2.8	.1
35441	Special dies and tools, die sets, jigs, and fixtures.....	-	-	11.5	4.1	10.4	3.5	1.7	3.4	2.8	.1
3545	Machine tool accessories, measuring tools, and measuring devices.....	.2	.8	.2	1.9	2.9	1.5	9.1	2.2	.6	.4
35451	Small cutting tools for machine tools and metalworking machinery.....	.2	.8	.2	1.9	2.9	1.5	9.1	2.2	.6	.4
3548	Metalworking machinery (except machine tools).....	2.1	.1	-	6.2	-	.4	3.1	9.5	-	-
356	General industrial machinery and equipment.....	-	.2	.4	1.1	-	.5	.6	.7	.2	.1
357	Office, computing, and accounting machines.....	.3	.2	.6	.1	-	.2	.1	1.0	.3	3.7
359	Miscellaneous machinery and parts (except electrical).....	.1	-	.7	2.8	1.8	3.0	.2	1.7	.4	.7
3599	Miscellaneous machinery and parts (except electrical).....	.1	-	.7	2.8	1.8	3.0	.2	1.7	.4	.7
35999	Machinery and parts, n.e.c. (except electrical).....	-	-	.4	1.1	1.9	2.6	.2	1.8	.1	.6
36	Electrical machinery and equipment.....	.1	1.4	.9	1.2	.3	.8	1.3	5.6	1.2	.2
3621	Motors and generators.....	-	-	-	.5	.7	3.0	-	16.3	-	-
36211	Motors.....	-	-	-	-	-	-	-	-	-	-
366	Communication equipment.....	-	-	-	.1	-	2.1	.4	7.3	-	.4
37	Transportation equipment.....	.1	.4	.4	.9	.3	1.2	1.5	1.7	.5	1.2
371	Motor vehicles and motor vehicle equipment.....	.1	.4	.4	.9	.3	1.2	1.5	1.6	.5	1.2
3711	Motor vehicles.....	.3	.5	.8	1.3	.6	.6	1.0	2.1	.4	.6
37112	Truck tractors and trucks, assembled...	.3	.4	-	.9	.2	.3	1.3	1.4	.1	.6
3714	Motor vehicle parts and accessories....	-	.4	.1	.6	-	1.7	2.0	1.3	.5	1.7
37148	Motor vehicle wheels and parts.....	-	3.0	-	.5	-	1.7	2.6	1.3	3.6	1.1
38	Instruments, photographic goods, optical goods, watches, and clocks.....	.6	.3	.4	.2	.1	1.1	.1	.8	.1	.3

See footnotes at end of table.

TABLE 4. Percent Distribution of Commodities, by Production Area of Destination: 1967--Continued

TCC code	Commodity	Percent distribution by production area ¹ of destination--Continued									Sampling variability code ³
		18 (STLO)	19 (ATLA)	20 (DALL)	21 (HOUS)	22 (DENV)	23 (SETL)	24 (SANF)	25 (LOSA)	All other	
	TON-MILES OF SHIPMENTS--Continued										
349	Miscellaneous fabricated metal products	9.2	2.4	-	-	0.3	-	19.4	6.3	37.9	-
3491	Metal barrels, drums, kegs, and pails..	-	-	-	-	-	-	-	-	57.2	-
34912	Steel shipping pails, barrels, drums, and kegs.....	-	-	-	-	-	-	-	-	56.6	-
35	Machinery, except electrical.....	.9	2.3	1.8	0.9	.1	0.4	8.3	4.5	54.7	-
3535	Conveyors and conveying equipment (except hoists and farm elevators)....	-	.6	18.2	-	-	-	.3	.1	60.9	-
35351	Conveyors and conveying equipment and parts, except hoists and farm elevators.....	-	.6	18.2	-	-	-	.3	.1	60.9	-
3537	Industrial trucks, tractors, trailers, stackers, and metal skids, pallets, and platforms.....	-	-	.1	-	-	-	10.4	6.9	47.8	-
354	Metalworking machinery and equipment...	3.5	.3	3.2	.3	.3	.4	2.7	2.7	34.2	-
3541	Machine tools, metal cutting types.....	.3	-	7.9	.6	-	-	1.0	.6	54.1	-
35412	Machine tools, metal cutting types.....	.3	-	7.9	.6	-	-	1.0	.6	54.1	-
3544	Special dies and tools, die sets, jigs, fixtures, and industrial molds and patterns.....	7.0	.5	.5	-	.2	-	.6	3.6	18.9	-
35441	Special dies and tools, die sets, jigs, and fixtures.....	7.0	.5	.5	-	.2	-	.6	3.6	18.9	-
3545	Machine tool accessories, measuring tools, and measuring devices.....	.7	.1	1.6	.5	1.3	3.2	16.4	7.2	37.1	-
35451	Small cutting tools for machine tools and metalworking machinery.....	.7	.1	1.6	.5	1.3	3.2	16.4	7.2	37.1	-
3548	Metalworking machinery (except machine tools).....	1.3	-	-	-	-	-	-	-	41.7	-
356	General industrial machinery and equipment.....	.7	-	.9	1.7	.2	-	.7	8.5	58.2	-
357	Office, computing, and accounting machines.....	.1	1.0	6.4	.5	-	.9	7.7	6.6	54.5	-
359	Miscellaneous machinery and parts (except electrical).....	.1	15.2	-	2.7	-	1.2	1.7	1.0	48.8	-
3599	Miscellaneous machinery and parts (except electrical).....	.1	15.2	-	2.7	-	1.2	1.7	1.0	48.8	-
35999	Machinery and parts, n.e.c. (except electrical).....	.1	16.0	-	2.7	-	1.2	1.5	.6	50.6	-
36	Electrical machinery and equipment.....	.9	1.2	.7	.4	.2	.5	9.6	15.9	40.8	-
3621	Motors and generators.....	3.0	-	-	-	-	-	1.7	1.0	58.3	-
36211	Motors.....	-	-	-	-	-	-	-	-	-	-
366	Communication equipment.....	27.0	-	-	-	-	-	-	.5	35.7	-
37	Transportation equipment.....	4.8	3.1	3.7	1.3	.4	1.0	13.7	14.3	36.7	-
371	Motor vehicles and motor vehicle equipment.....	4.8	3.1	3.8	1.3	.4	.8	13.8	14.5	36.5	-
3711	Motor vehicles.....	.9	1.0	1.9	2.3	.9	1.5	5.6	10.8	55.2	-
37112	Truck tractors and trucks, assembled...	.5	.3	2.5	2.5	.8	2.3	2.6	7.4	71.9	-
3714	Motor vehicle parts and accessories....	7.9	4.8	5.3	.4	-	.3	20.2	17.3	21.6	-
37148	Motor vehicle wheels and parts.....	13.6	4.0	4.0	-	-	.8	14.8	6.5	30.5	-
38	Instruments, photographic goods, optical goods, watches, and clocks.....	.3	.3	.7	.1	-	36.4	5.8	22.4	19.5	-

¹Designations below the area numbers are used to help identify the area. Descriptions of production areas appear on page 4.

²Includes only those shipments that originated in one city in this area and terminated in another city in this area. Does not include shipments originating and terminating in the same city.

³Code letter indicates a sampling variability range as follows: a, 0-9 percent; b, 10-19 percent; c, 20-29 percent; and d, 30-50 percent. The variability for ton-miles has not been estimated.

PRODUCTION AREA 14

Consists of four Standard Metropolitan Statistical Areas:
Cincinnati, Ohio-Ky.-Ind.; Dayton, Ohio; Hamilton-
Middletown, Ohio; and Springfield, Ohio

SUMMARY

The estimates of tons and ton-miles are based on reports from a sample of shipments by approximately 243 manufacturing establishments located in this Production Area. The total tons and ton-miles represent the total inter-city shipments by essentially all manufacturing establishments in the area, except for plants with less than 20 employees. However, since the data are based on a sample, the estimates necessarily are subject to "sampling variability."

The approximate degree of sampling variability for tons for each commodity or commodity class is indicated in the last column of tables 1 to 4. In general, most of the commodity data in this report are subject to substantial sampling variability and should be treated as approximate rather than precise measures.

About 11.2 million tons of commodities were shipped by plants in this area to destinations beyond the local area. These shipments generated 3.6 billion ton-miles by all means of transport combined, and averaged about 326 straight-line miles per ton shipped.

Motor carriers are the dominant means of transport, hauling over half of the total tons shipped. When measured in terms of ton-miles, rather than tons, rail becomes the dominant means of transport, accounting for over 52 percent of the total ton-miles.

Comparisons between 1967 and 1963 data are presented in tables A through D. The 1967 survey is comparable with 1963, except for the exclusion from the survey, in 1967, of plants with less than 20 employees. Nationally, those plants accounted for only 4 percent of the total tons originated in the 1963 survey.

Table A. PERCENT DISTRIBUTION OF SHIPMENTS
BY MEANS OF TRANSPORT

Means of transport	All commodities	
	1967	1963
Tons of shipments.....millions..	11.2	12.1
Ton-miles.....billions..	3.6	3.9
TONS OF SHIPMENTS		
Percent distribution		
All means of transport.....	100.0	100.0
Rail.....	34.7	29.9
Motor carrier.....	50.2	48.3
Private truck.....	14.5	15.2
Air.....	.2	.1
Water.....	-	5.9
Other.....	.4	.6
TON-MILES		
All means of transport.....	100.0	100.0
Rail.....	52.3	47.9
Motor carrier.....	39.0	42.4
Private truck.....	7.4	6.3
Air.....	.4	.2
Water.....	.4	2.0
Other.....	.5	1.2

Note: Ton-miles are the product of weight times distance on a straight-line distance basis.

Table C. PERCENT DISTRIBUTION OF SHIPMENTS
BY DISTANCE OF SHIPMENT

Distance shipped	All commodities	
	1967	1963
TONS OF SHIPMENTS		
All distances.....	100.0	100.0
Under 100 miles.....	26.7	28.1
100 to 199 miles.....	15.6	15.3
200 to 299 miles.....	20.6	21.2
300 to 499 miles.....	14.8	14.0
500 to 999 miles.....	18.3	16.8
1,000 to 1,499 miles.....	1.0	1.4
1,500 miles and over.....	3.0	3.2

Table B. AVERAGE LENGTH OF HAUL
BY MEANS OF TRANSPORT

Means of transport	(Straight-line miles)	
	All commodities	
	1967	1963
All means of transport.....	326	324
Rail.....	491	519
Motor carrier.....	253	285
Private truck.....	166	135

Note: Average length of haul is based on straight-line miles from plant to customer or redistribution point, weighted by tonnage shipped (i.e., ton-miles divided by tons). Rail short-line and highway direct-route distances average about 24 and 21 percent, respectively, longer than straight-line distances.

Table D. PERCENT DISTRIBUTION OF SHIPMENTS
BY AREA OF DESTINATION

Area of destination	All commodities	
	1967	1963
Tons of shipments.....thousands..	11,189	12,061
Ton-miles.....millions..	3,645	3,913
TONS OF SHIPMENTS		
Percent distribution		
All areas.....	100.0	100.0
Production Area 14 ¹	13.7	11.8
Other production areas.....	37.0	38.1
All other areas.....	49.3	50.1
TON-MILES		
All areas.....	100.0	100.0
Production Area 14 ¹	1.2	1.0
Other production areas.....	52.3	52.9
All other areas.....	46.5	46.1

¹Includes only those shipments that originated in one city in this area and terminated in another city in this area.

TABLE 1. Percent Distribution of Commodities, by Means of Transport: 1967

TCC code	Commodity	Number	Percent distribution by means of transport								Sampling variability code ¹
			All means of transport	Rail	Motor carrier	Private truck	Air	Water	Other	Unknown	
	TONS OF SHIPMENTS	(thousands of tons)									
	Production Area 14, total.....	11,189	100.0	34.7	50.2	14.5	0.2	-	0.4	-	-
20	Food and kindred products.....	2,380	100.0	41.1	18.1	40.6	-	-	.1	0.1	c
2013	Meat products.....	272	100.0	33.5	38.7	27.8	-	-	-	-	d
20132	Meats and sausage, cooked, cured, dried, smoked, or salted.....	87	100.0	1.1	64.7	34.2	-	-	-	-	d
208	Beverages and flavoring extracts.....	719	100.0	50.6	13.2	35.8	-	0.1	-	.3	a
209	Miscellaneous food preparations and kindred products.....	551	100.0	20.0	34.2	45.8	-	-	-	-	d
244	Wooden containers.....	14	100.0	64.8	25.6	9.6	-	-	-	-	c
2441	Wooden containers.....	14	100.0	64.8	25.6	9.6	-	-	-	-	c
26	Pulp, paper, and allied products.....	1,367	100.0	23.0	61.7	15.0	-	-	.3	-	b
262	Paper (except building paper).....	446	100.0	34.0	49.4	16.5	-	-	-	.1	c
2621	Paper (except building paper).....	446	100.0	34.0	49.4	16.5	-	-	-	.1	c
26213	Printing paper, coated or uncoated, including ground wood paper, coated; ground wood paper containing less than 60% ground wood, coated or uncoated; and writing paper.....	341	100.0	36.1	43.4	20.5	-	-	-	-	d
26214	Wrapping paper, wrappers, and coarse papers.....	51	100.0	34.8	58.5	6.0	-	-	-	.7	d
263	Paperboard, fiberboard, and pulpboard (except insulating board).....	313	100.0	18.9	52.6	28.5	-	-	-	-	d
2631	Paperboard, fiberboard, and pulpboard (except insulating board).....	313	100.0	18.9	52.6	28.5	-	-	-	-	d
26311	Paperboard, fiberboard, and pulpboard (except insulating board).....	313	100.0	18.9	52.6	28.5	-	-	-	-	d
264	Converted paper and paperboard products (except containers and boxes)....	111	100.0	25.2	74.7	.1	-	-	-	-	d
265	Containers, boxes and related products, paperboard, fiberboard, and pulpboard.	408	100.0	8.7	80.8	9.5	-	-	1.0	-	d
2651	Containers, boxes, baskets, pallets and skids, paperboard, fiberboard, and pulpboard.....	408	100.0	8.7	80.8	9.5	-	-	1.0	-	d
26511	Containers and boxes, paperboard, fiberboard, and pulpboard.....	408	100.0	8.7	80.8	9.5	-	-	1.0	-	d
28	Chemicals and allied products.....	1,264	100.0	25.9	69.9	3.3	.8	-	.1	-	b
281	Industrial chemicals.....	49	100.0	24.2	70.0	4.9	-	-	.2	.7	d
2818	Miscellaneous industrial organic chemicals.....	27	100.0	42.8	55.6	1.6	-	-	-	-	d
284	Soap and detergents, cleaning preparations, perfumes, cosmetics, and other toilet preparations.....	777	100.0	29.3	70.5	.2	-	-	-	-	b
2841	Soap and other detergents (except specialty cleansers).....	635	100.0	25.4	74.4	.2	-	-	-	-	c
28419	Soap or detergents, n.e.c. (except synthetic organic detergents and specialty cleansers).....	635	100.0	25.4	74.4	.2	-	-	-	-	c

See footnote at end of table.

TABLE 1. Percent Distribution of Commodities, by Means of Transport: 1967--Continued

TCC code	Commodity	Number	Percent distribution by means of transport								Sampling variability code ¹
			All means of transport	Rail	Motor carrier	Private truck	Air	Water	Other	Unknown	
	TONS OF SHIPMENTS--Continued	(thousands of tons)									
285	Paints, varnishes, lacquers, enamels, and allied products.....	67	100.0	-	77.7	22.2	-	-	0.1	-	c
2851	Paints, varnishes, lacquers, enamels, and allied products.....	67	100.0	-	77.7	22.2	-	-	.1	-	c
28511	Paints, varnishes, lacquers, enamels, and shellacs.....	46	100.0	-	73.6	26.2	-	-	.2	-	c
289	Miscellaneous chemical products.....	206	100.0	32.2	66.5	1.2	-	-	.1	-	c
2899	Chemical products, n.e.c.....	167	100.0	39.6	59.5	.9	-	-	-	-	c
30	Rubber and miscellaneous plastics products.....	190	100.0	11.4	74.9	12.8	0.5	-	.4	-	d
329	Abrasives, asbestos, and miscellaneous nonmetallic mineral products.....	5	100.0	-	93.3	5.5	.1	-	1.1	-	d
332	Iron and steel castings.....	105	100.0	4.0	75.5	20.5	-	-	-	-	b
3321	Iron and steel castings.....	105	100.0	4.0	75.5	20.5	-	-	-	-	b
33219	Iron and steel castings, n.e.c.....	105	100.0	4.0	75.5	20.5	-	-	-	-	b
34	Fabricated metal products.....	290	100.0	13.8	45.1	41.0	-	-	.1	-	d
349	Miscellaneous fabricated metal products	81	100.0	10.3	88.1	1.5	-	-	.1	-	c
34999	Fabricated metal products, n.e.c.....	2	100.0	-	90.1	9.9	-	-	-	-	d
35	Machinery, except electrical.....	559	100.0	22.5	70.7	5.2	.4	0.4	.8	-	b
353	Construction, mining, and materials handling machinery and equipment.....	44	100.0	31.1	67.4	1.2	.1	.1	.1	-	d
354	Metalworking machinery and equipment...	103	100.0	12.7	77.1	6.6	.9	2.1	.6	-	c
3541	Machine tools, metal cutting types.....	20	100.0	28.9	63.1	1.5	4.1	-	2.4	-	d
35412	Machine tools, metal cutting types.....	20	100.0	28.9	63.1	1.5	4.1	-	2.4	-	d
3548	Metalworking machinery (except machine tools).....	28	100.0	2.0	89.2	2.5	-	6.3	-	-	c
355	Special industry machinery (except metalworking machinery).....	100	100.0	36.8	56.9	4.8	.2	.2	1.1	-	d
359	Miscellaneous machinery and parts (except electrical).....	35	100.0	4.4	83.4	9.9	.9	-	1.4	-	d
3599	Miscellaneous machinery and parts (except electrical).....	35	100.0	4.4	83.4	9.9	.9	-	1.4	-	d
35999	Machinery and parts, n.e.c (except electrical).....	33	100.0	4.5	87.0	6.2	.9	-	1.4	-	d
36	Electrical machinery and equipment.....	421	100.0	49.1	38.4	11.2	.3	-	.8	0.2	a
362	Electrical industrial apparatus.....	151	100.0	8.5	62.4	28.2	.1	.1	.2	.5	c
3621	Motors and generators.....	94	100.0	-	68.1	31.5	.2	.1	.1	-	d
36211	Motors.....	86	100.0	-	67.8	32.0	.1	.1	-	-	d
37	Transportation equipment.....	1,451	100.0	57.9	40.5	1.3	.2	-	.1	-	a
371	Motor vehicles and motor vehicle equipment.....	1,428	100.0	58.6	40.0	1.3	.1	-	-	-	a
3714	Motor vehicle parts and accessories....	762	100.0	51.6	45.9	2.4	.1	-	-	-	a

See footnote at end of table.

TABLE 1. Percent Distribution of Commodities, by Means of Transport: 1967--Continued

TCC code	Commodity	Number	Percent distribution by means of transport								Sampling variability code ¹
			All means of transport	Rail	Motor carrier	Private truck	Air	Water	Other	Unknown	
	TON-MILES OF SHIPMENTS	(millions of ton-miles)									
	Production Area 14, total.....	3,645	100.0	52.3	39.0	7.4	0.4	0.4	0.4	0.1	-
20	Food and kindred products.....	817	100.0	62.5	15.9	20.8	-	.6	.1	.1	-
2013	Meat products.....	73	100.0	48.1	35.2	16.7	-	-	-	-	-
20132	Meats and sausage, cooked, cured, dried, smoked, or salted.....	21	100.0	2.5	61.4	36.1	-	-	-	-	-
208	Beverages and flavoring extracts.....	348	100.0	75.9	10.0	12.5	-	1.3	-	.3	-
209	Miscellaneous food preparations and kindred products.....	151	100.0	29.2	36.1	34.7	-	-	-	-	-
244	Wooden containers.....	7	100.0	71.5	26.4	2.0	.1	-	-	-	-
2441	Wooden containers.....	7	100.0	71.5	26.4	2.0	.1	-	-	-	-
26	Pulp, paper, and allied products.....	362	100.0	41.0	51.1	7.7	-	-	.1	.1	-
262	Paper (except building paper).....	154	100.0	48.6	46.3	5.0	-	-	-	.1	-
2621	Paper (except building paper).....	154	100.0	48.6	46.3	5.0	-	-	-	.1	-
26213	Printing paper, coated or uncoated, including ground wood papers, coated; ground wood paper containing less than 60% ground wood, coated or uncoated; and writing paper.....	110	100.0	52.9	40.6	6.5	-	-	-	-	-
26214	Wrapping paper, wrappers, and coarse papers.....	22	100.0	37.7	58.7	2.7	-	-	-	.9	-
263	Paperboard, fiberboard, and pulpboard (except insulating board).....	65	100.0	37.4	39.5	23.1	-	-	-	-	-
2631	Paperboard, fiberboard, and pulpboard (except insulating board).....	65	100.0	37.4	39.5	23.1	-	-	-	-	-
26311	Paperboard, fiberboard, and pulpboard (except insulating board).....	65	100.0	37.4	39.5	23.1	-	-	-	-	-
264	Converted paper and paperboard products (except containers and boxes)....	36	100.0	29.7	70.1	.1	.1	-	-	-	-
265	Containers, boxes and related products, paperboard, fiberboard, and pulpboard.	72	100.0	25.5	68.3	5.8	-	-	.4	-	-
2651	Containers, boxes, baskets, pallets and skids, paperboard, fiberboard, and pulpboard.....	72	100.0	25.5	68.3	5.8	-	-	.4	-	-
26511	Containers and boxes, paperboard, fiberboard, and pulpboard.....	72	100.0	25.5	68.3	5.8	-	-	.4	-	-
28	Chemicals and allied products.....	513	100.0	38.7	56.7	2.7	1.3	.4	.2	-	-
281	Industrial chemicals.....	13	100.0	37.0	59.6	2.5	-	-	.3	.6	-
2818	Miscellaneous industrial organic chemicals.....	9	100.0	47.6	51.2	1.1	.1	-	-	-	-
284	Soap and detergents, cleaning preparations, perfumes, cosmetics, and other toilet preparations.....	303	100.0	49.1	50.6	-	-	.1	.2	-	-
2841	Soap and other detergents (except specialty cleansers).....	207	100.0	39.5	60.1	-	.1	-	.3	-	-
28419	Soap or detergents, n.e.c. (except synthetic organic detergents and specialty cleansers).....	207	100.0	39.5	60.1	-	.1	-	.3	-	-

See footnote at end of table.

TABLE 1. Percent Distribution of Commodities, by Means of Transport: 1967--Continued

TCC code	Commodity	Number	Percent distribution by means of transport								Sampling variability code ¹
			All means of transport	Rail	Motor carrier	Private truck	Air	Water	Other	Unknown	
	TON-MILES OF SHIPMENTS--Continued	(millions of ton-miles)									
285	Paints, varnishes, lacquers, enamels, and allied products.....	20	100.0	-	82.1	17.6	-	-	0.3	-	-
2851	Paints, varnishes, lacquers, enamels, and allied products.....	20	100.0	-	82.1	17.6	-	-	.3	-	-
28511	Paints, varnishes, lacquers, enamels, and shellacs.....	13	100.0	-	83.9	15.6	-	-	.5	-	-
289	Miscellaneous chemical products.....	76	100.0	44.8	53.8	1.2	0.1	-	.1	-	-
2899	Chemical products, n.e.c.....	68	100.0	50.2	48.5	1.2	.1	-	-	-	-
30	Rubber and miscellaneous plastics products.....	102	100.0	25.1	69.2	4.9	.5	-	.3	-	-
329	Abrasives, asbestos, and miscellaneous nonmetallic mineral products.....	1	100.0	-	97.2	2.6	.1	-	.1	-	-
332	Iron and steel castings.....	14	100.0	8.2	77.6	14.2	-	-	-	-	-
3321	Iron and steel castings.....	14	100.0	8.2	77.6	14.2	-	-	-	-	-
33219	Iron and steel castings, n.e.c.....	14	100.0	8.3	77.4	14.3	-	-	-	-	-
34	Fabricated metal products.....	98	100.0	34.9	58.2	6.8	-	-	.1	-	-
349	Miscellaneous fabricated metal products	41	100.0	17.0	82.5	.4	-	-	.1	-	-
34999	Fabricated metal products, n.e.c.....	1	100.0	-	93.2	6.8	-	-	-	-	-
35	Machinery, except electrical.....	264	100.0	36.9	54.6	4.3	.9	1.5	1.6	0.2	-
353	Construction, mining, and materials handling machinery and equipment.....	22	100.0	34.5	64.2	.5	.2	.5	.1	-	-
354	Metalworking machinery and equipment...	43	100.0	22.7	66.0	1.1	2.7	6.5	1.0	-	-
3541	Machine tools, metal cutting types.....	14	100.0	36.7	51.6	1.1	7.9	-	2.7	-	-
35412	Machine tools, metal cutting types.....	14	100.0	36.7	51.6	1.1	7.9	-	2.7	-	-
3548	Metalworking machinery (except machine tools).....	13	100.0	7.5	83.1	1.4	.1	7.9	-	-	-
355	Special industry machinery (except metalworking machinery).....	59	100.0	46.2	43.2	6.6	.4	1.6	2.0	-	-
359	Miscellaneous machinery and parts (except electrical).....	11	100.0	11.2	80.0	1.7	3.3	-	3.8	-	-
3599	Miscellaneous machinery and parts (except electrical).....	11	100.0	11.2	80.0	1.7	3.3	-	3.8	-	-
35999	Machinery and parts, n.e.c. (except electrical).....	11	100.0	11.3	80.8	.7	3.4	-	3.8	-	-
36	Electrical machinery and equipment.....	238	100.0	63.7	28.8	5.3	.5	.2	1.3	.2	-
362	Electrical industrial apparatus.....	59	100.0	15.2	62.0	20.5	.3	.9	.4	.7	-
3621	Motors and generators.....	27	100.0	-	70.3	27.0	.5	1.9	.3	-	-
36211	Motors.....	25	100.0	-	71.7	25.8	.4	2.1	-	-	-
37	Transportation equipment.....	666	100.0	71.2	27.2	.7	.5	-	.4	-	-
371	Motor vehicles and motor vehicle equipment.....	651	100.0	72.5	26.7	.7	.1	-	-	-	-
3714	Motor vehicle parts and accessories,...	310	100.0	69.3	28.8	1.5	.3	-	.1	-	-

See footnote at end of table.

TABLE 2. Percent Distribution of Commodities, by Distance of Shipment: 1967

TCC code	Commodity	Number	Percent distribution by distance of shipment								Sampling variability code ¹
			All distances	Under 100 miles	100 to 199 miles	200 to 299 miles	300 to 499 miles	500 to 999 miles	1,000 to 1,499 miles	1,500 miles or over	
	TONS OF SHIPMENTS	(thousands of tons)									
	Production Area 14, total.....	11,189	100.0	26.7	15.6	20.6	14.8	18.3	1.0	3.0	-
20	Food and kindred products.....	2,380	100.0	22.6	14.6	22.0	17.0	20.4	.6	2.8	c
2013	Meat products.....	272	100.0	19.3	12.6	43.4	6.6	18.1	-	-	d
20132	Meats and sausage, cooked, cured, dried, smoked, or salted.....	87	100.0	19.9	31.1	21.1	11.4	16.5	-	-	d
208	Beverages and flavoring extracts.....	719	100.0	21.9	12.6	15.2	13.0	26.1	1.9	9.3	a
209	Miscellaneous food preparations and kindred products.....	551	100.0	18.9	12.4	36.2	19.4	13.1	-	-	d
244	Wooden containers.....	14	100.0	12.8	4.3	38.8	18.5	9.4	13.8	2.4	c
2441	Wooden containers.....	14	100.0	12.8	4.3	38.8	18.5	9.4	13.8	2.4	c
26	Pulp, paper, and allied products.....	1,367	100.0	34.9	10.2	19.4	19.5	14.5	.5	1.0	b
262	Paper (except building paper).....	446	100.0	19.0	13.0	19.2	20.7	26.3	.1	1.7	c
2621	Paper (except building paper).....	446	100.0	19.0	13.0	19.2	20.7	26.3	.1	1.7	c
2613	Printing paper, coated or uncoated, including ground wood papers, coated; ground wood paper containing less than 60% ground wood, coated or uncoated; and writing paper.....	341	100.0	21.3	14.6	17.4	23.1	22.2	.1	1.3	d
26214	Wrapping paper, wrappers, and coarse papers.....	51	100.0	18.0	9.0	5.9	18.8	46.4	.3	1.6	d
263	Paperboard, fiberboard, and pulpboard (except insulating board).....	313	100.0	36.6	8.5	28.1	19.4	6.9	.5	-	d
2631	Paperboard, fiberboard, and pulpboard (except insulating board).....	313	100.0	36.6	8.5	28.1	19.4	6.9	.5	-	d
26311	Paperboard, fiberboard, and pulpboard (except insulating board).....	313	100.0	36.6	8.5	28.1	19.4	6.9	.5	-	d
264	Converted paper and paperboard products (except containers and boxes).....	111	100.0	10.4	11.4	24.7	37.8	14.9	.4	.4	d
265	Containers, boxes and related products, paperboard, fiberboard, and pulpboard.	408	100.0	63.7	9.5	6.2	11.0	8.5	.2	.9	d
2651	Containers, boxes, baskets, pallets and skids, paperboard, fiberboard, and pulpboard.....	408	100.0	63.7	9.5	6.2	11.0	8.5	.2	.9	d
26511	Containers and boxes paperboard, fiberboard, and pulpboard.....	408	100.0	63.7	9.5	6.2	11.0	8.5	.2	.9	d
28	Chemicals and allied products.....	1,264	100.0	14.3	11.3	27.6	20.5	20.9	.5	4.9	b
281	Industrial chemicals.....	49	100.0	40.5	1.6	21.2	29.7	5.6	-	1.4	d
2818	Miscellaneous industrial organic chemicals.....	27	100.0	15.7	1.0	33.1	45.8	1.8	-	2.6	d
284	Soap and detergents, cleaning preparations, perfumes, cosmetics, and other toilet preparations.....	777	100.0	12.4	11.3	32.3	21.8	17.3	.3	4.6	b
2841	Soap and other detergents (except specialty cleaners).....	635	100.0	14.3	12.5	37.5	19.7	13.8	.2	2.0	c
28419	Soap or detergents, n.e.c. (except synthetic organic detergents and specialty cleansers).....	635	100.0	14.3	12.4	37.6	19.7	13.8	.2	2.0	c

See footnote at end of table.

TABLE 2. Percent Distribution of Commodities, by Distance of Shipment: 1967--Continued

TCC code	Commodity	Number	Percent distribution by distance of shipment								Sampling variability code ¹
			All distances	Under 100 miles	100 to 199 miles	200 to 299 miles	300 to 499 miles	500 to 999 miles	1,000 to 1,499 miles	1,500 miles or over	
	TONS OF SHIPMENTS--Continued	(thousands of tons)									
285	Paints, varnishes, lacquers, enamels, and allied products.....	67	100.0	13.7	26.3	34.5	8.8	14.8	0.8	1.1	c
2851	Paints, varnishes, lacquers, enamels, and allied products.....	67	100.0	13.7	26.3	34.5	8.8	14.8	.8	1.1	c
28511	Paints, varnishes, lacquers, enamels, and shellacs.....	46	100.0	13.9	33.1	31.8	5.7	14.2	-	1.3	c
289	Miscellaneous chemical products.....	206	100.0	21.5	12.9	18.2	21.6	22.4	-	3.4	c
2899	Chemical products, n.e.c.....	167	100.0	16.6	13.1	18.7	20.3	27.2	-	4.1	c
30	Rubber and miscellaneous plastics products.....	190	100.0	12.6	17.6	11.6	17.6	28.4	5.2	7.0	d
329	Abrasives, asbestos, and miscellaneous nonmetallic mineral products.....	5	100.0	19.1	25.9	51.8	3.0	-	-	.2	d
332	Iron and steel castings.....	105	100.0	33.0	53.3	8.0	3.0	2.7	-	-	b
3321	Iron and steel castings.....	105	100.0	33.0	53.3	8.0	3.0	2.7	-	-	b
33219	Iron and steel castings, n.e.c.....	105	100.0	32.9	53.4	8.0	3.0	2.7	-	-	b
34	Fabricated metal products.....	290	100.0	37.6	15.8	10.6	12.6	17.1	2.1	4.2	d
349	Miscellaneous fabricated metal products	81	100.0	6.6	19.5	5.9	21.9	41.9	.7	3.5	c
34999	Fabricated metal products, n.e.c.....	2	100.0	3.5	15.8	13.0	37.3	29.9	-	.5	d
35	Machinery, except electrical.....	559	100.0	15.2	13.2	16.9	21.2	25.0	2.8	5.7	b
353	Construction, mining, and materials handling machinery and equipment.....	44	100.0	3.6	9.2	26.5	29.5	20.9	3.5	6.8	d
354	Metalworking machinery and equipment...	103	100.0	20.0	6.3	25.7	21.0	20.1	.7	6.2	c
3541	Machine tools, metal cutting types.....	20	100.0	2.8	2.1	18.1	23.0	37.6	2.8	13.6	d
35412	Machine tools, metal cutting types.....	20	100.0	2.8	2.1	18.1	23.0	37.6	2.8	13.6	d
3548	Metalworking machinery (except machine tools).....	28	100.0	7.6	10.6	42.3	11.0	20.1	-	8.4	c
355	Special industry machinery (except metalworking machinery).....	100	100.0	6.4	7.8	13.3	20.8	40.7	6.8	4.2	d
359	Miscellaneous machinery and parts (except electrical).....	35	100.0	29.3	15.8	12.9	17.1	22.6	1.3	1.0	d
3599	Miscellaneous machinery and parts (except electrical).....	35	100.0	29.3	15.8	12.9	17.1	22.6	1.3	1.0	d
35999	Machinery and parts, n.e.c. (except electrical).....	33	100.0	26.4	16.5	13.5	17.8	23.5	1.3	1.0	d
36	Electrical machinery and equipment.....	421	100.0	15.4	9.1	7.9	18.2	38.3	4.3	6.8	a
362	Electrical industrial apparatus.....	151	100.0	25.3	15.6	10.8	18.0	28.0	.8	1.5	c
3621	Motors and generators.....	94	100.0	38.5	14.5	8.7	26.2	10.0	.4	1.7	d
36211	Motors.....	86	100.0	39.3	15.2	9.5	24.1	9.7	.4	1.8	d
37	Transportation equipment.....	1,451	100.0	3.4	18.6	20.1	15.3	35.8	1.7	5.1	a
371	Motor vehicles and motor vehicle equipment.....	1,428	100.0	3.5	18.9	20.4	14.8	35.7	1.7	5.0	a
3714	Motor vehicle parts and accessories....	762	100.0	5.1	28.2	30.2	11.4	17.2	1.0	6.9	a

See footnote at end of table.

TABLE 2. Percent Distribution of Commodities, by Distance of Shipment: 1967--Continued

TCC code	Commodity	Number	Percent distribution by distance of shipment								Sampling variability code ¹
			All distances	Under 100 miles	100 to 199 miles	200 to 299 miles	300 to 499 miles	500 to 999 miles	1,000 to 1,499 miles	1,500 miles or over	
	TON-MILES OF SHIPMENTS	(millions of ton-miles)									
	Production Area 14, total.....	3,645	100.0	4.1	6.8	15.2	17.4	35.1	3.6	17.2	-
20	Food and kindred products.....	817	100.0	4.1	5.9	16.0	18.5	37.5	1.9	16.1	-
2013	Meat products.....	73	100.0	4.4	6.6	43.2	9.1	36.7	-	-	-
20132	Meats and sausage, cooked, cured, dried, smoked, or salted.....	21	100.0	4.1	19.6	20.3	18.5	37.5	-	-	-
208	Beverages and flavoring extracts.....	348	100.0	2.5	3.5	7.6	10.6	33.9	4.4	37.5	-
209	Miscellaneous food preparations and kindred products.....	151	100.0	5.9	6.0	32.7	25.3	30.1	-	-	-
244	Wooden containers.....	7	100.0	1.9	1.4	20.6	16.8	14.2	35.1	10.0	-
2441	Wooden containers.....	7	100.0	1.9	1.4	20.6	16.8	14.2	35.1	10.0	-
26	Pulp, paper, and allied products.....	362	100.0	5.8	5.6	17.6	28.1	33.2	2.3	7.4	-
262	Paper (except building paper).....	154	100.0	2.3	5.6	13.4	23.2	45.6	.5	9.4	-
2621	Paper (except building paper).....	154	100.0	2.3	5.6	13.4	23.2	45.6	.5	9.4	-
26213	Printing paper, coated or uncoated, including ground wood papers, coated; ground wood paper containing less than 60% ground wood, coated or uncoated; and writing paper.....	110	100.0	2.6	6.7	12.9	27.6	42.0	.3	7.9	-
26214	Wrapping paper, wrappers, and coarse papers.....	22	100.0	2.4	3.2	3.5	18.0	64.9	.7	7.3	-
263	Paperboard, fiberboard, and pulpboard (except insulating board).....	65	100.0	7.1	6.2	31.7	32.2	19.6	3.2	-	-
2631	Paperboard, fiberboard, and pulpboard (except insulating board).....	65	100.0	7.1	6.2	31.7	32.2	19.6	3.2	-	-
26311	Paperboard, fiberboard, and pulpboard (except insulating board).....	65	100.0	7.1	6.2	31.7	32.2	19.6	3.2	-	-
264	Converted paper and paperboard products (except containers and boxes)....	36	100.0	1.6	5.8	18.5	41.9	28.3	1.2	2.7	-
265	Containers, boxes and related products, paperboard, fiberboard, and pulpboard.	72	100.0	16.5	7.1	8.8	26.6	29.8	1.3	9.9	-
2651	Containers, boxes, baskets, pallets and skids, paperboard, fiberboard, and pulpboard.....	72	100.0	16.6	7.1	8.8	26.6	29.8	1.3	9.8	-
26511	Containers and boxes, paperboard, fiberboard, and pulpboard.....	72	100.0	16.6	7.1	8.8	26.6	29.8	1.3	9.8	-
28	Chemicals and allied products.....	513	100.0	2.6	4.4	16.4	19.5	32.3	1.3	23.5	-
281	Industrial chemicals.....	13	100.0	9.3	1.0	19.5	46.3	13.4	-	10.5	-
2818	Miscellaneous industrial organic chemicals.....	9	100.0	4.2	.5	22.5	54.7	4.0	-	14.1	-
284	Soap and detergents, cleaning preparations, perfumes, cosmetics, and other toilet preparations.....	303	100.0	2.5	4.3	19.8	21.1	28.3	.8	23.2	-
2841	Soap and other detergents (except specialty cleansers).....	207	100.0	3.5	5.8	27.5	22.7	27.2	.7	22.6	-
28419	Soap or detergents, n.e.c. (except synthetic organic detergents and specialty cleansers).....	207	100.0	3.5	5.8	27.6	22.7	27.2	.6	22.6	-

See footnote at end of table.

TABLE 2. Percent Distribution of Commodities, by Distance of Shipment: 1967--Continued

TCC code	Commodity	Number	Percent distribution by distance of shipment								Sampling variability code ¹
			All distances	Under 100 miles	100 to 199 miles	200 to 299 miles	300 to 499 miles	500 to 999 miles	1,000 to 1,499 miles	1,500 miles or over	
	TON-MILES OF SHIPMENTS--Continued	(millions of ton-miles)									
285	Paints, varnishes, lacquers, enamels, and allied products.....	20	100.0	2.4	15.7	28.1	10.8	32.9	3.0	7.1	-
2851	Paints, varnishes, lacquers, enamels, and allied products.....	20	100.0	2.4	15.7	28.1	10.8	32.9	3.0	7.1	-
28511	Paints, varnishes, lacquers, enamels, and shellacs.....	13	100.0	2.1	20.2	26.9	7.6	33.9	.1	9.2	-
289	Miscellaneous chemical products.....	76	100.0	4.1	5.7	11.9	23.5	37.7	-	17.1	-
2899	Chemical products, n.e.c.....	68	100.0	2.8	5.3	11.3	19.7	41.7	-	19.2	-
30	Rubber and miscellaneous plastics products.....	102	100.0	1.7	4.4	5.2	13.4	36.4	12.9	26.0	-
329	Abrasives, asbestos, and miscellaneous nonmetallic mineral products.....	1	100.0	6.9	20.9	64.6	5.6	-	-	2.0	-
332	Iron and steel castings.....	14	100.0	14.7	52.0	13.6	8.7	11.0	-	-	-
3321	Iron and steel castings.....	14	100.0	14.7	52.0	13.6	8.7	11.0	-	-	-
33219	Iron and steel castings, n.e.c.....	14	100.0	14.7	51.9	13.6	8.8	11.0	-	-	-
34	Fabricated metal products.....	98	100.0	4.3	7.1	7.6	15.0	33.5	8.7	23.8	-
349	Miscellaneous fabricated metal products	41	100.0	.9	7.2	2.9	17.3	56.4	1.7	13.6	-
34999	Fabricated metal products, n.e.c.....	1	100.0	.6	5.6	8.3	33.4	49.4	-	2.7	-
35	Machinery, except electrical.....	264	100.0	1.4	4.6	8.6	17.6	37.2	7.0	23.6	-
353	Construction, mining, and materials handling machinery and equipment.....	22	100.0	.4	2.9	12.3	21.9	28.5	7.5	26.5	-
354	Metalworking machinery and equipment...	43	100.0	2.0	2.2	14.7	18.7	29.7	2.0	30.7	-
3541	Machine tools, metal cutting types.....	14	100.0	.2	.6	6.6	13.3	35.2	5.4	38.7	-
35412	Machine tools, metal cutting types.....	14	100.0	.2	.6	6.6	13.3	35.2	5.4	38.7	-
3548	Metalworking machinery (except machine tools).....	13	100.0	1.1	3.4	22.5	9.4	27.5	-	36.1	-
355	Special industry machinery (except metalworking machinery)...	59	100.0	.6	2.1	5.1	14.8	51.9	12.3	13.2	-
359	Miscellaneous machinery and parts (except electrical).....	11	100.0	5.6	6.2	9.6	22.2	45.8	4.5	6.1	-
3599	Miscellaneous machinery and parts (except electrical).....	11	100.0	5.6	6.2	9.6	22.2	45.8	4.5	6.1	-
35999	Machinery and parts, n.e.c. (except electrical).....	11	100.0	4.6	6.3	9.7	22.4	46.3	4.6	6.1	-
36	Electrical machinery and equipment.....	238	100.0	1.8	2.4	3.3	13.0	45.9	9.8	23.8	-
362	Electrical industrial apparatus.....	59	100.0	3.8	6.0	6.7	18.9	52.8	2.3	9.5	-
3621	Motors and generators.....	27	100.0	7.7	6.6	7.4	36.7	24.1	1.6	15.9	-
36211	Motors.....	25	100.0	8.3	6.9	8.1	33.7	24.0	1.7	17.3	-
37	Transportation equipment.....	666	100.0	.6	5.9	9.9	12.9	44.8	4.6	21.3	-
371	Motor vehicles and motor vehicle equipment.....	651	100.0	.6	6.0	10.1	12.7	44.9	4.6	21.1	-
3714	Motor vehicle parts and accessories.....	310	100.0	1.1	10.2	16.4	11.2	25.2	3.1	32.8	-

¹Code letter indicates a sampling variability range as follows: a, 0-9 percent; b, 10-19 percent; c, 20-29 percent; and d, 30-50 percent. The variability for ton-miles has not been estimated.

TABLE 3. Percent Distribution of Commodities, by Geographic Division of Destination: 1967

TCC code	Commodity	Number	Percent distribution by geographic division ¹ of destination										Sampling variability code ³
			All means of transport	New England	Middle Atlantic	East North Central	West North Central	South Atlantic	East South Central	West South Central	Mountain	Pacific ²	
	TONS OF SHIPMENTS	(thous. of tons)											
	Production Area 14, total.....	11,189	100.0	2.0	12.5	55.3	4.6	8.9	10.0	3.1	0.8	2.8	-
20	Food and kindred products.....	2,380	100.0	3.6	13.3	47.1	3.6	14.3	12.0	2.8	.7	2.6	c
26	Pulp, paper, and allied products.....	1,367	100.0	1.6	10.0	64.1	5.6	9.3	6.1	1.8	.5	1.0	b
28	Chemicals and allied products.....	1,264	100.0	2.6	15.2	45.1	7.2	12.7	9.3	2.6	.4	4.9	b
30	Rubber and miscellaneous plastics products.....	190	100.0	2.9	17.6	37.0	10.3	12.7	5.2	3.7	3.6	7.0	d
34	Fabricated metal products.....	290	100.0	1.2	13.3	57.5	2.0	6.4	7.4	6.0	2.0	4.2	d
35	Machinery, except electrical.....	559	100.0	3.3	14.2	43.7	4.8	10.7	6.3	10.4	1.4	5.2	b
36	Electrical machinery and equipment.....	421	100.0	5.2	19.2	30.9	7.7	12.4	4.5	9.2	4.3	6.6	a
37	Transportation equipment.....	1,451	100.0	1.2	27.0	43.1	8.1	8.0	2.6	4.1	1.3	4.6	a
	TON-MILES OF SHIPMENTS	(millions of ton-miles)											
	Production Area 14, total.....	3,645	100.0	4.3	18.3	24.0	7.3	11.4	6.6	7.8	3.3	17.0	-
20	Food and kindred products.....	817	100.0	7.6	17.8	20.2	5.4	16.2	9.0	6.1	2.7	15.0	-
26	Pulp, paper, and allied products.....	362	100.0	4.2	18.3	33.2	10.1	14.5	4.7	5.7	2.1	7.2	-
28	Chemicals and allied products.....	513	100.0	4.7	18.0	21.3	8.3	1.2	5.6	5.3	1.1	23.5	-
30	Rubber and miscellaneous plastics products.....	102	100.0	3.8	14.8	10.6	11.8	15.3	1.7	6.4	9.7	25.9	-
34	Fabricated metal products.....	98	100.0	2.5	19.7	16.5	3.2	7.2	4.5	14.4	8.3	23.7	-
35	Machinery, except electrical.....	264	100.0	4.7	14.3	15.2	5.0	11.2	4.0	19.5	4.3	21.8	-
36	Electrical machinery and equipment.....	238	100.0	6.5	16.2	7.8	7.9	12.3	2.6	13.5	10.1	23.1	-
37	Transportation equipment.....	666	100.0	1.7	29.8	17.7	9.5	7.9	1.8	7.9	4.1	19.6	-

¹States included in the geographic divisions are as follows: NEW ENGLAND--Maine, New Hampshire, Vermont, Massachusetts, Rhode Island, and Connecticut; MIDDLE ATLANTIC--New York, New Jersey, and Pennsylvania; EAST NORTH CENTRAL--Ohio, Indiana, Illinois, Michigan, and Wisconsin; WEST NORTH CENTRAL--Minnesota, Iowa, Missouri, North Dakota, South Dakota, Nebraska, and Kansas; SOUTH ATLANTIC--Delaware, Maryland, District of Columbia, Virginia, West Virginia, North Carolina, South Carolina, Georgia, and Florida; EAST SOUTH CENTRAL--Kentucky, Tennessee, Alabama, and Mississippi; WEST SOUTH CENTRAL--Arkansas, Louisiana, Oklahoma, and Texas; MOUNTAIN--Montana, Idaho, Wyoming, Colorado, New Mexico, Arizona, Utah, and Nevada; PACIFIC--Washington, Oregon, California, Alaska, and Hawaii.

²Shipments to Alaska and Hawaii from the 48 conterminous States and the District of Columbia are included; no data were obtained for shipments originating in Alaska and Hawaii.

³Code letter indicates a sampling variability range as follows: a, 0-9 percent; b, 10-19 percent; c, 20-29 percent; and d, 30-50 percent. The variability for ton-miles has not been estimated.

TABLE 4. Percent Distribution of Commodities, by Production Area of Destination: 1967

TCC code	Commodity	Number	Percent distribution by production area ¹ of destination							
			Total	1 (BOST)	2 (HART)	3 (NYNY)	4 (N. NJ)	5 (PHIL)	6 (BALT)	7 (ALLN)
	TONS OF SHIPMENTS	(thousands of tons)								
	Production Area 14, total.....	11,189	100.0	1.3	0.2	4.4	1.8	1.3	0.9	0.1
20	Food and kindred products.....	2,380	100.0	2.5	.7	3.2	1.2	1.6	1.6	-
2013	Meat products.....	272	100.0	.4	-	7.2	4.9	.3	.9	-
20132	Meats and sausage, cooked, cured, dried, smoked, or salted.....	87	100.0	1.2	-	-	15.3	.8	2.7	-
208	Beverages and flavoring extracts.....	719	100.0	2.8	1.4	2.2	.6	1.3	.8	-
209	Miscellaneous food preparations and kindred products.....	551	100.0	-	-	2.2	-	.2	-	-
244	Wooden containers.....	14	100.0	3.9	1.3	.3	.3	.5	.1	-
2441	Wooden containers.....	14	100.0	3.9	1.3	.3	.3	.5	.1	-
26	Pulp, paper, and allied products.....	1,367	100.0	.9	-	3.6	1.3	1.2	1.1	.1
262	Paper (except building paper).....	446	100.0	2.7	.1	7.5	3.1	2.0	1.2	-
2621	Paper (except building paper).....	446	100.0	2.7	.1	7.5	3.1	2.0	1.2	-
26213	Printing paper, coated or uncoated, including ground wood papers, coated; ground wood paper containing less than 60% ground wood, coated or uncoated; and writing paper.....	341	100.0	2.0	.1	8.5	3.9	.8	1.5	-
2614	Wrapping paper, wrappers, and coarse papers.....	51	100.0	9.2	-	5.1	-	1.4	.3	-
263	Paperboard, fiberboard, and pulpboard (except insulating board).....	313	100.0	-	-	3.0	.3	.1	1.2	-
2631	Paperboard, fiberboard, and pulpboard (except insulating board).....	313	100.0	-	-	3.0	.3	.1	1.2	-
26311	Paperboard, fiberboard, and pulpboard (except insulating board).....	3.3	100.0	-	-	3.0	.3	.1	1.2	-
264	Converted paper and paperboard products (except containers and boxes)....	111	100.0	.1	.1	3.0	2.1	2.5	.6	-
265	Containers, boxes and related products, paperboard, fiberboard, and pulpboard.	408	100.0	-	-	.7	.2	.6	1.1	.1
2651	Containers, boxes, baskets, pallets and skids, paperboard, fiberboard, and pulpboard.....	408	100.0	-	-	.7	.2	.6	1.1	.1
26511	Containers and boxes, paperboard, fiberboard, and pulpboard.....	408	100.0	-	-	.7	.2	.6	1.1	.1
28	Chemicals and allied products.....	1,264	100.0	2.1	.1	2.7	4.1	2.1	2.1	-
281	Industrial chemicals.....	49	100.0	.1	-	.2	.8	.1	5.7	.1
2818	Miscellaneous industrial organic chemicals.....	27	100.0	-	-	.1	.3	.1	10.4	-
284	Soap and detergents, cleaning preparations, perfumes, cosmetics, and other toilet preparations.....	777	100.0	1.1	.1	1.2	4.2	.4	1.9	-
2841	Soap and other detergents (except specialty cleansers).....	635	100.0	.2	.1	.1	3.9	.4	2.4	-
28419	Soap or detergents, n.e.c. (except synthetic organic detergents and specialty cleansers).....	635	100.0	.2	.1	.1	3.9	.4	2.4	-

See footnotes at end of table.

TABLE 4. Percent Distribution of Commodities, by Production Area of Destination: 1967--Continued

TCC code	Commodity	Percent distribution by production area ¹ of destination--Continued									
		8 (HARR)	9 (SYRA)	10 (BUFF)	11 (CLEV)	12 (PITT)	13 (DETR)	14 ² (CINC)	15 (CHIC)	16 (MILW)	17 (M-SP)
	TONS OF SHIPMENTS										
	Production Area 14, total.....	0.4	0.5	1.0	4.2	1.1	7.9	13.7	4.9	0.9	0.4
20	Food and kindred products.....	.2	.3	.7	6.1	1.9	4.0	8.4	3.7	.3	.6
2013	Meat products.....	-	-	.5	1.6	2.2	.5	3.2	.4	-	-
20132	Meats and sausage, cooked, cured, dried, smoked, or salted.....	-	-	1.2	4.9	7.0	1.7	9.1	1.2	-	-
208	Beverages and flavoring extracts.....	-	.8	2.2	2.8	2.2	3.4	9.7	2.9	.8	1.6
209	Miscellaneous food preparations and kindred products.....	-	.1	-	8.2	1.7	7.9	1.5	6.9	-	.4
244	Wooden containers.....	.3	.5	.5	.9	.3	37.1	1.5	.7	.2	.6
2441	Wooden containers.....	.3	.5	.5	.9	.3	37.1	1.5	.7	.2	.6
26	Pulp, paper, and allied products.....	.1	-	1.0	2.3	.5	1.3	21.2	11.2	2.8	.5
262	Paper (except building paper).....	.2	-	1.6	2.1	.2	1.1	11.8	13.4	1.0	.8
2621	Paper (except building paper).....	.2	-	1.6	2.1	.2	1.1	11.8	13.4	1.0	.8
26213	Printing paper, coated or uncoated, including ground wood papers, coated; ground wood paper containing <u>less than</u> 60% ground wood, coated or uncoated; and writing paper.....	.2	-	1.8	2.6	.2	1.3	14.0	10.9	1.0	.9
26214	Wrapping paper, wrappers, and coarse papers.....	.1	-	.2	.2	-	.2	8.0	3.9	.7	.9
263	Paperboard, fiberboard, and pulpboard (except insulating board).....	-	-	1.6	2.5	.1	1.3	27.7	17.6	5.7	-
2631	Paperboard, fiberboard, and pulpboard (except insulating board).....	-	-	1.6	2.5	.1	1.3	27.7	17.6	5.7	-
26311	Paperboard, fiberboard, and pulpboard (except insulating board).....	-	-	1.6	2.5	.1	1.3	27.7	17.6	5.7	-
264	Converted paper and paperboard prod- ucts (except containers and boxes)....	.1	.3	1.4	6.2	2.4	1.7	6.4	6.7	13.1	1.3
265	Containers, boxes and related products, paperboard, fiberboard, and pulpboard.	-	-	-	1.4	.1	1.2	34.7	2.6	.1	-
2651	Containers, boxes, baskets, pallets and skids, paperboard, fiberboard, and pulpboard.....	-	-	-	1.4	.1	1.2	34.7	2.6	.1	-
26511	Containers and boxes, paperboard, fiberboard, and pulpboard.....	-	-	-	1.4	.1	1.2	34.7	2.6	.1	-
28	Chemicals and allied products.....	.5	.2	2.3	5.6	.2	8.0	3.1	8.4	.5	.3
281	Industrial chemicals.....	-	-	.1	1.0	.1	17.3	30.8	1.4	.5	-
2818	Miscellaneous industrial organic chemicals.....	-	-	.2	1.6	-	30.9	.4	.6	1.0	-
284	Soap and detergents, cleaning prepara- tions, perfumes, cosmetics, and other toilet preparations.....	.9	.2	3.0	7.8	.3	8.9	1.3	9.1	.5	.2
2841	Soap and other detergents (except spe- cialty cleansers).....	-	.2	3.7	9.1	.2	9.7	1.4	11.1	.6	.2
28419	Soap or detergents, n.e.c. (except synthetic organic detergents and specialty cleansers).....	-	.2	3.7	9.1	.2	9.7	1.4	11.1	.6	.2

See footnotes at end of table.

TABLE 4. Percent Distribution of Commodities, by Production Area of Destination: 1967--Continued

TCC code	Commodity	Percent distribution by production area ¹ of destination--Continued									Sampling variability code ³
		18 (STLO)	19 (ATLA)	20 (DALL)	21 (HOUS)	22 (DENV)	23 (SETL)	24 (SANF)	25 (LOSA)	All other	
	TONS OF SHIPMENTS										
	Production Area 14, total.....	1.1	1.0	0.8	0.6	0.2	0.4	0.4	1.2	49.3	-
20	Food and kindred products.....	1.1	1.3	.8	.4	.2	.2	.4	.6	58.0	c
2013	Meat products.....	-	.9	-	-	-	-	-	-	77.0	d
20132	Meats and sausage, cooked, cured, dried, smoked, or salted.....	-	2.8	-	-	-	-	-	-	52.1	d
208	Beverages and flavoring extracts.....	.1	1.1	.8	.4	.8	.8	1.4	1.9	57.2	a
209	Miscellaneous food preparations and kindred products.....	4.4	3.6	1.3	1.3	-	-	-	-	60.3	d
244	Wooden containers.....	1.5	.4	-	-	-	-	.3	1.7	47.1	c
2441	Wooden containers.....	1.5	.4	-	-	-	-	.3	1.7	47.1	c
26	Pulp, paper, and allied products.....	1.6	1.3	.2	.6	-	.2	-	.6	46.4	b
262	Paper (except building paper).....	2.4	.3	.3	1.6	-	.4	.1	1.1	45.0	c
2621	Paper (except building paper).....	2.4	.3	.3	1.6	-	.4	.1	1.1	45.0	c
26213	Printing paper, coated or uncoated, including ground wood papers, coated; ground wood paper containing less than 60% ground wood, coated or uncoated; and writing paper.....	2.6	.1	.1	2.0	-	.5	-	.7	44.3	d
26214	Wrapping paper, wrappers, and coarse papers.....	2.5	1.0	1.6	-	-	-	.7	-	64.0	d
263	Paperboard, fiberboard, and pulpboard (except insulating board).....	2.4	1.4	-	-	-	-	-	-	35.1	d
2631	Paperboard, fiberboard, and pulpboard (except insulating board).....	2.4	1.4	-	-	-	-	-	-	35.1	d
26311	Paperboard, fiberboard, and pulpboard (except insulating board).....	2.4	1.4	-	-	-	-	-	-	35.1	d
264	Converted paper and paperboard products (except containers and boxes)....	.3	2.2	.1	1.0	.2	-	-	.1	48.1	d
265	Containers, boxes and related products, paperboard, fiberboard, and pulpboard.	.3	1.6	.2	.1	-	-	-	.7	54.3	d
2651	Containers, boxes, baskets, pallets and skids, paperboard, fiberboard, and pulpboard.....	.3	1.6	.2	.1	-	-	-	.7	54.3	d
26511	Containers and boxes, paperboard, fiberboard, and pulpboard.....	.3	1.6	.2	.1	-	-	-	.7	54.3	d
28	Chemicals and allied products.....	2.0	.6	1.6	.1	.3	.8	1.5	2.4	48.4	b
281	Industrial chemicals.....	.7	-	.4	.5	-	-	-	1.4	38.8	d
2818	Miscellaneous industrial organic chemicals.....	.4	-	.5	.5	-	-	-	2.6	50.4	d
284	Soap and detergents, cleaning preparations, perfumes, cosmetics, and other toilet preparations.....	2.9	.3	2.4	-	.1	1.3	1.5	1.7	48.7	b
2841	Soap and other detergents (except specialty cleansers).....	3.2	.3	2.8	-	.1	.1	1.8	.1	48.3	c
28419	Soap or detergents, n.e.c. (except synthetic organic detergents and specialty cleansers).....	3.2	.3	2.8	-	.1	.1	1.8	.1	48.3	c

See footnotes at end of table.

TABLE 4. Percent Distribution of Commodities, by Production Area of Destination: 1967 --Continued

TCC code	Commodity	Number	Percent distribution by production area ¹ of destination							
			Total	1 (BOST)	2 (HART)	3 (NYNY)	4 (N. NJ)	5 (PHIL)	6 (BALT)	7 (ALLN)
	TONS OF SHIPMENTS--Continued	(thousands of tons)								
285	Paints, varnishes, lacquers, enamels, and allied products.....	67	100.0	0.5	-	0.9	4.3	-	0.1	-
2851	Paints, varnishes, lacquers, enamels, and allied products.....	67	100.0	.5	-	.9	4.3	-	.1	-
28511	Paints, varnishes, lacquers, enamels, and shellacs.....	46	100.0	.7	-	1.3	6.3	-	.1	-
289	Miscellaneous chemical products.....	206	100.0	5.2	-	6.9	.1	5.3	3.9	-
2899	Chemical products, n.e.c.....	167	100.0	6.4	-	8.5	.1	6.5	4.2	-
30	Rubber and miscellaneous plastics products.....	190	100.0	2.7	0.1	4.4	1.9	2.6	1.4	-
329	Abrasives, asbestos, and miscellaneous nonmetallic mineral products.....	5	100.0	-	-	-	-	-	-	-
332	Iron and steel castings.....	105	100.0	-	-	-	-	.3	-	-
3321	Iron and steel castings.....	105	100.0	-	-	-	-	.3	-	-
33219	Iron and steel castings, n.e.c.....	105	100.0	-	-	-	-	.3	-	-
34	Fabricated metal products.....	290	100.0	.5	.2	3.8	2.5	1.8	.6	0.2
349	Miscellaneous fabricated metal products	81	100.0	.9	.4	9.9	6.0	4.3	.4	-
34999	Fabricated metal products, n.e.c.....	2	100.0	-	-	1.8	-	4.7	-	-
35	Machinery, except electrical.....	559	100.0	1.7	.7	3.5	2.3	3.6	1.1	.1
353	Construction, mining, and materials handling machinery and equipment.....	44	100.0	1.6	.9	.7	.4	1.2	-	-
354	Metalworking machinery and equipment...	103	100.0	1.1	1.9	5.9	1.8	.6	1.4	-
3541	Machine tools, metal cutting types.....	20	100.0	1.0	1.4	9.0	5.9	1.5	2.8	.1
35412	Machine tools, metal cutting types.....	20	100.0	1.0	1.4	9.0	5.9	1.5	2.8	.1
3548	Metalworking machinery (except machine tools).....	28	100.0	2.8	3.4	6.4	1.8	1.0	.6	-
355	Special industry machinery (except metalworking machinery).....	100	100.0	4.2	.2	3.2	1.3	1.8	1.1	.1
359	Miscellaneous machinery and parts (except electrical).....	35	100.0	.2	.3	12.9	-	.9	-	.1
3599	Miscellaneous machinery and parts (except electrical).....	35	100.0	.2	.3	12.9	-	.9	-	.1
35999	Machinery and parts, n.e.c (except electrical).....	33	100.0	.2	.3	13.4	-	.9	-	.1
36	Electrical machinery and equipment.....	421	100.0	3.3	-	6.3	4.4	1.1	.3	.1
362	Electrical industrial apparatus.....	151	100.0	1.6	-	5.8	.3	.5	.7	.2
3621	Motors and generators.....	94	100.0	1.5	-	1.1	.5	.1	1.2	.1
36211	Motors.....	86	100.0	1.6	-	1.2	.3	.1	-	-
37	Transportation equipment.....	1,451	100.0	.7	-	18.1	3.7	1.9	.3	.1
371	Motor vehicles and motor vehicle equipment.....	1,428	100.0	.7	-	18.2	3.8	2.0	.3	.1
3714	Motor vehicle parts and accessories....	762	100.0	.8	-	2.2	3.0	3.4	.6	.3

See footnotes at end of table.

TABLE 4. Percent Distribution of Commodities, by Production Area of Destination: 1967--Continued

TCC code	Commodity	Percent distribution by production area ¹ of destination—Continued									
		8 (HARR)	9 (SYRA)	10 (BUFF)	11 (CLEV)	12 (PITT)	13 (DETR)	14 ² (CINC)	15 (CHIC)	16 (MILW)	17 (M-SP)
	TONS OF SHIPMENTS--Continued										
285	Paints, varnishes, lacquers, enamels, and allied products.....	-	-	1.6	3.6	0.2	23.6	6.4	20.6	2.2	0.3
2851	Paints, varnishes, lacquers, enamels, and allied products.....	-	-	1.6	3.6	.2	23.6	6.4	20.6	2.2	.3
28511	Paints, varnishes, lacquers, enamels, and shellacs.....	-	0.1	1.7	2.1	.1	24.9	8.3	26.7	.2	.4
289	Miscellaneous chemical products.....	-	-	.3	1.1	-	2.9	3.4	5.6	.3	.8
2899	Chemical products, n.e.c.....	-	-	-	.3	-	2.1	1.9	6.8	.3	1.0
30	Rubber and miscellaneous plastics products.....	0.1	.1	5.0	1.5	1.1	3.9	3.7	4.1	.5	3.4
329	Abrasives, asbestos, and miscellaneous nonmetallic mineral products.....	-	-	-	5.8	-	.6	2.7	2.1	-	-
332	Iron and steel castings.....	-	.7	1.0	2.7	.5	15.3	12.3	1.5	.3	.3
3321	Iron and steel castings.....	-	.7	1.0	2.7	.5	15.3	12.3	1.5	.3	.3
33219	Iron and steel castings, n.e.c.....	-	.7	1.0	2.7	.5	15.3	12.2	1.5	.3	.3
34	Fabricated metal products.....	.2	.1	.9	5.1	.4	3.7	29.8	1.2	.4	.1
349	Miscellaneous fabricated metal products	.1	.1	.8	14.2	.7	.8	4.3	.8	1.0	.1
34999	Fabricated metal products, n.e.c.....	.7	-	-	-	-	-	1.5	-	-	-
35	Machinery, except electrical.....	1.1	1.1	.7	2.5	.5	10.9	6.0	5.0	.5	.5
353	Construction, mining, and materials handling machinery and equipment.....	-	.2	1.1	4.0	1.0	10.1	-	10.9	.9	.3
354	Metalworking machinery and equipment...	.3	.5	.9	3.7	1.0	12.3	15.9	5.0	.8	.9
3541	Machine tools, metal cutting types.....	.7	-	2.8	1.1	1.7	7.8	2.0	4.5	2.0	1.3
35412	Machine tools, metal cutting types.....	.7	-	2.8	1.1	1.7	7.8	2.1	4.5	2.0	1.3
3548	Metal working machinery (except machine tools).....	.5	.3	.4	8.9	2.5	9.2	3.2	12.3	.6	.5
355	Special industry machinery (except metalworking machinery).....	.1	1.5	1.0	.5	.6	1.1	2.4	1.9	.1	.6
359	Miscellaneous machinery and parts (except electrical).....	11.4	-	.2	4.5	.2	17.0	19.0	.9	-	.8
3599	Miscellaneous machinery and parts (except electrical).....	11.4	-	.2	4.5	.2	17.0	19.0	.9	-	.8
35999	Machinery and parts, n.e.c. (except electrical).....	11.8	-	.2	4.7	.2	17.7	19.8	.9	-	.8
36	Electrical machinery and equipment.....	-	1.6	2.0	.9	1.8	2.2	1.7	2.7	.3	2.2
362	Electrical industrial apparatus.....	.1	4.4	.8	1.7	1.0	4.0	4.4	4.1	.5	.4
2621	Motors and generators.....	.1	7.0	1.1	.3	.3	3.5	6.2	3.7	.4	.5
36211	Motors.....	.2	7.3	1.2	.2	.3	3.3	3.9	4.0	.4	.6
37	Transportation equipment.....	1.9	.3	.8	2.9	.2	20.0	.8	.4	.2	.1
371	Motor vehicles and motor vehicle equipment.....	1.9	.3	.8	3.0	.2	20.3	.8	.4	.2	.1
3714	Motor vehicle parts and accessories.....	-	-	.8	3.9	.1	32.6	.7	.1	.3	.1

See footnotes at end of table.

TABLE 4. Percent Distribution of Commodities, by Production Area of Destination: 1967--Continued

TCC code	Commodity	Percent distribution by production area ¹ of destination--Continued									Sampling vari- ability code ³
		18 (STLO)	19 (ATLA)	20 (DALL)	21 (HOUS)	22 (DENV)	23 (SETL)	24 (SANF)	25 (LOSA)	All other	
	TONS OF SHIPMENTS--Continued										
285	Paints, varnishes, lacquers, enamels, and allied products.....	0.6	-	0.6	0.1	0.8	0.1	0.6	0.2	32.7	c
2851	Paints, varnishes, lacquers, enamels, and allied products.....	.6	-	.6	.1	.8	.1	.6	.2	32.7	c
38511	Paints, varnishes, lacquers, enamels, and shellacs.....	.3	-	.9	.1	-	.2	.8	.1	24.7	c
289	Miscellaneous chemical products.....	.4	-	.1	-	-	-	-	3.4	60.3	c
2899	Chemical products, n.e.c.....	-	-	.1	-	-	-	-	4.1	57.7	c
30	Rubber and miscellaneous plastics products.....	.2	0.6	1.8	-	-	-	.4	.2	60.3	i
329	Abrasives, asbestos, and miscellaneous nonmetallic mineral products.....	-	-	-	-	-	-	-	.2	88.6	i
332	Iron and steel castings.....	-	-	-	-	-	-	-	-	65.1	b
3321	Iron and steel castings.....	-	-	-	-	-	-	-	-	65.1	b
33219	Iron and steel castings, n.e.c.....	-	-	-	-	-	-	-	-	65.2	b
34	Fabricated metal products.....	.2	.6	.2	4.3	.2	-	.6	1.3	41.1	d
349	Miscellaneous fabricated metal products	-	.9	.6	12.0	.1	-	2.1	.5	39.0	c
34999	Fabricated metal products, n.e.c.....	-	-	-	-	-	-	-	-	91.3	d
35	Machinery, except electrical.....	1.9	.3	.8	4.1	.1	.5	.9	2.5	47.1	b
353	Construction, mining, and materials handling machinery and equipment.....	.3	1.5	.2	.1	.1	.6	.8	.9	62.2	d
354	Metalworking machinery and equipment...	.3	.2	.8	.1	.2	1.8	.6	3.1	38.9	c
3541	Machine tools, metal cutting types.....	1.1	.9	1.6	.7	.7	.8	1.6	9.7	37.3	i
35412	Machine tools, metal cutting types.....	1.1	.9	1.6	.7	.7	.8	1.6	9.7	37.3	i
3548	Metalworking machinery (except machine tools).....	.1	-	.5	-	-	4.7	-	3.3	37.0	c
355	Special industry machinery (except metalworking machinery).....	.8	.5	.1	16.9	.1	-	.3	.2	59.4	i
359	Miscellaneous machinery and parts (except electrical).....	1.3	.1	.3	.2	-	-	.3	.5	28.9	i
3599	Miscellaneous machinery and parts (except electrical).....	1.3	.1	.3	.2	-	-	.3	.5	28.9	i
35999	Machinery and parts, n.e.c. (except electrical).....	1.3	.1	.3	.2	-	-	.3	.5	26.3	i
36	Electrical machinery and equipment.....	.2	4.7	3.4	.2	1.4	1.3	.3	2.3	55.3	i
362	Electrical industrial apparatus.....	.4	.1	5.0	.3	.4	-	.2	.6	62.5	i
3621	Motors and generators.....	.7	-	.6	.3	.2	-	.3	.6	69.7	i
36211	Motors.....	.7	-	.7	.3	.3	.1	.3	.7	72.3	i
37	Transportation equipment.....	1.5	2.3	1.6	.4	.2	.2	.6	3.1	37.7	i
371	Motor vehicles and motor vehicle equipment.....	.9	2.3	1.6	.4	.2	.2	.5	3.1	37.7	i
3714	Motor vehicle parts and accessories.....	.6	3.3	1.9	-	-	-	1.0	5.6	38.7	i

See footnotes at end of table.

TABLE 4. Percent Distribution of Commodities, by Production Area of Destination: 1967 --Continued

TCC code	Commodity	Number	Percent distribution by production area ¹ of destination							
			Total	1 (BOST)	2 (HART)	3 (NYNY)	4 (N. NJ)	5 (PHIL)	6 (BALT)	7 (ALLN)
	TON-MILES OF SHIPMENTS	(millions of ton-miles)								
	Production Area 14, total.....	3,645	100.0	2.9	0.4	7.4	3.0	2.0	1.2	0.1
20	Food and kindred products.....	817	100.0	5.3	1.3	5.2	1.9	2.3	2.0	-
2013	Meat products.....	73	100.0	1.0	-	14.6	9.8	.5	1.3	-
20132	Meats and sausage, cooked, cured, dried, smoked, or salted.....	21	100.0	3.4	-	-	34.0	1.7	4.5	-
208	Beverages and flavoring extracts.....	348	100.0	4.2	1.8	2.7	.7	1.3	.7	-
209	Miscellaneous food preparations and kindred products.....	151	100.0	-	-	4.4	-	.4	-	-
244	Wooden containers.....	7	100.0	6.2	1.6	.4	.3	.5	.1	-
2441	Wooden containers.....	7	100.0	6.2	1.6	.4	.3	.5	.1	-
26	Pulp, paper, and allied products.....	362	100.0	2.4	.1	7.6	2.7	2.2	1.7	.2
262	Paper (except building paper).....	154	100.0	5.4	.1	11.9	4.9	2.9	1.4	-
2621	Paper (except building paper).....	154	100.0	5.4	.1	11.9	4.9	2.9	1.4	-
26213	Printing paper, coated or uncoated, including ground wood papers, coated; ground wood paper containing less than 60% ground wood, coated or uncoated; and writing paper.....	110	100.0	4.2	.2	14.5	6.5	1.3	1.9	-
26214	Wrapping paper, wrappers, and coarse papers.....	22	100.0	14.8	-	6.6	-	1.6	.3	-
263	Paperboard, fiberboard, and pulpboard (except insulating board).....	65	100.0	-	-	8.3	.9	.4	2.5	-
2631	Paperboard, fiberboard, and pulpboard (except insulating board).....	65	100.0	-	-	8.3	.9	.4	2.5	-
26311	Paperboard, fiberboard, and pulpboard (except insulating board).....	65	100.0	-	-	8.3	.9	.4	2.5	-
264	Converted paper and paperboard products (except containers and boxes)....	36	100.0	.2	.2	5.4	3.5	3.7	.7	-
265	Containers, boxes and related products, paperboard, fiberboard, and pulpboard.	72	100.0	-	-	2.2	.8	1.6	2.7	.2
2651	Containers, boxes, baskets, pallets and skids, paperboard, fiberboard, and pulpboard.....	72	100.0	-	-	2.2	.8	1.6	2.7	.2
26511	Containers and boxes, paperboard, fiberboard, and pulpboard.....	72	100.0	-	-	2.2	.8	1.6	2.7	.2
28	Chemicals and allied products.....	513	100.0	3.7	.2	3.8	5.6	2.6	2.2	-
281	Industrial chemicals.....	13	100.0	.2	-	.5	1.7	.1	9.8	.1
2818	Miscellaneous industrial organic chemicals.....	9	100.0	-	-	.2	.6	.2	13.2	-
284	Soap and detergents, cleaning preparations, perfumes, cosmetics, and other toilet preparations.....	303	100.0	2.0	.2	1.8	5.7	.5	2.1	-
2841	Soap and other detergents (except specialty cleansers).....	207	100.0	.5	.2	.2	6.5	.7	3.0	-
28419	Soap or detergents, n.e.c. (except synthetic organic detergents and specialty cleansers).....	207	100.0	.5	.2	.2	6.5	.7	3.0	-

See footnotes at end of table.

TABLE 4. Percent Distribution of Commodities, by Production Area of Destination: 1967--Continued

TCC code	Commodity	Percent distribution by production area ¹ of destination--Continued									
		8 (HARR)	9 (SYRA)	10 (BUFF)	11 (CLEV)	12 (PITT)	13 (DETR)	14 ² (CINC)	15 (CHIC)	16 (MILW)	17 (M-SP)
	TON-MILES OF SHIPMENTS										
	Production Area 14, total.....	0.6	0.8	1.2	2.6	0.8	5.2	1.2	3.6	0.8	0.8
20	Food and kindred products.....	.2	.4	.9	3.6	1.4	2.5	1.2	2.6	.3	1.0
2013	Meat products.....	-	-	.7	1.2	2.1	.3	.4	.3	-	-
20132	Meats and sausage, cooked, cured, dried, smoked, or salted.....	-	-	1.7	4.1	7.2	1.0	1.3	1.2	-	-
208	Beverages and flavoring extracts.....	-	.9	1.9	1.3	1.1	1.7	.7	1.5	.5	2.0
209	Miscellaneous food preparations and kindred products.....	-	.1	-	6.9	1.6	6.7	.3	6.3	-	-
244	Wooden containers.....	.2	.6	.4	.4	.1	19.5	.1	.4	.1	.8
2441	Wooden containers.....	.2	.6	.4	.4	.1	19.5	.1	.4	.1	.8
26	Pulp, paper, and allied products.....	.1	.1	1.5	1.9	.4	1.0	2.2	10.1	3.2	1.0
262	Paper (except building paper).....	.2	-	1.8	1.1	.1	.6	.9	9.2	.9	1.4
2621	Paper (except building paper).....	.2	-	1.8	1.1	.1	.6	.9	9.2	.9	1.4
26213	Printing paper, coated or uncoated, including ground wood papers, coated; ground wood paper containing less than 60% ground wood, coated or uncoated; and writing paper.....	.3	.1	2.2	1.4	.1	.8	1.0	8.0	.9	1.6
26214	Wrapping paper, wrappers, and coarse papers.....	.1	-	.2	.1	-	.1	.9	2.2	.5	1.3
263	Paperboard, fiberboard, and pulpboard (except insulating board).....	-	-	3.0	2.4	.1	1.4	3.1	20.1	8.1	-
2631	Paperboard, fiberboard, and pulpboard (except insulating board).....	-	-	3.0	2.4	.1	1.4	3.1	20.1	8.1	-
26311	Paperboard, fiberboard, and pulpboard (except insulating board).....	-	-	3.0	2.4	.1	1.4	3.1	20.1	8.1	-
264	Converted paper and paperboard prod- ucts (except containers and boxes)....	.1	.6	1.7	4.3	1.9	1.0	.5	5.1	12.6	2.4
265	Containers, boxes and related products, paperboard, fiberboard, and pulpboard.	.1	-	-	2.1	.1	1.5	5.8	3.7	.1	.1
2651	Containers, boxes, baskets, pallets and skids, paperboard, fiberboard, and pulpboard.....	.1	-	-	2.1	.1	1.5	5.8	3.7	.1	.1
26511	Containers and boxes, paperboard, fiberboard, and pulpboard.....	.1	-	-	2.1	.1	1.5	5.8	3.7	.1	.1
28	Chemicals and allied products.....	.5	.2	2.3	2.9	.1	4.5	.3	5.2	.4	.5
281	Industrial chemicals.....	-	-	.2	.8	.1	16.0	5.8	1.4	.7	-
2818	Miscellaneous industrial organic chemicals.....	-	-	.3	1.0	-	21.0	-	.4	.9	-
284	Soap and detergents, cleaning prepara- tions, perfumes, cosmetics, and other toilet preparations.....	.9	.2	3.1	4.2	.2	5.4	.1	5.8	.4	.3
2841	Soap and other detergents (except spe- cialty cleansers).....	-	.3	4.5	6.0	.1	7.1	.2	8.5	.6	.5
28419	Soap or detergents, n.e.c. (except synthetic organic detergents and specialty cleansers).....	-	.3	4.5	5.9	.1	7.1	.2	8.5	.6	.5

See footnotes at end of table.

TABLE 4. Percent Distribution of Commodities, by Production Area of Destination: 1967--Continued

TCC code	Commodity	Percent distribution by production area ¹ of destination--Continued									Sampling variability code ³
		18 (STLO)	19 (ATLA)	20 (DALL)	21 (HOUS)	22 (DENV)	23 (SETL)	24 (SANF)	25 (LOSA)	All other	
	TON-MILES OF SHIPMENTS										
	Production Area 14, total.....	1.1	1.2	2.1	1.7	0.6	2.2	2.7	7.3	46.5	-
20	Food and kindred products.....	1.0	1.4	2.0	1.1	.8	1.3	2.6	3.2	54.5	-
2013	Meat products.....	-	1.2	-	-	-	-	-	-	66.6	-
20132	Meats and sausage, cooked, cured, dried, smoked, or salted.....	-	4.3	-	-	-	-	-	-	35.6	-
208	Beverages and flavoring extracts.....	.1	.9	1.3	.7	1.8	3.1	6.0	7.4	55.7	-
209	Miscellaneous food preparations and kindred products.....	4.9	4.8	4.0	4.1	-	-	-	-	55.5	-
244	Wooden containers.....	1.1	.4	-	-	.1	-	1.3	6.9	58.5	-
2441	Wooden containers.....	1.1	.4	-	-	.1	-	1.3	6.9	58.5	-
26	Pulp, paper, and allied products.....	1.9	1.8	.5	2.2	.1	1.8	.3	4.1	48.9	-
262	Paper (except building paper).....	2.2	.3	.8	4.2	.1	2.2	.7	5.8	40.9	-
2621	Paper (except building paper).....	2.2	.3	.8	4.2	.1	2.2	.7	5.8	40.9	-
26213	Printing paper, coated or uncoated, including ground wood papers, coated; ground wood paper containing <u>less than</u> 60% ground wood, coated or uncoated; and writing paper.....	2.7	.2	.2	5.9	.1	3.1	.1	4.4	38.3	-
26214	Wrapping paper, wrappers, and coarse papers.....	2.0	1.0	3.2	-	-	-	3.4	-	61.7	-
263	Paperboard, fiberboard, and pulpboard (except insulating board).....	3.6	2.7	-	-	-	-	-	-	43.4	-
2631	Paperboard, fiberboard, and pulpboard (except insulating board).....	3.6	2.7	-	-	-	-	-	-	43.4	-
26311	Paperboard, fiberboard, and pulpboard (except insulating board).....	3.6	2.7	-	-	-	-	-	-	43.4	-
264	Converted paper and paperboard prod- ucts (except containers and boxes).....	.2	2.5	.2	2.8	.6	.2	.2	.6	48.8	-
265	Containers, boxes and related products, paperboard, fiberboard, and pulpboard.	.6	3.4	.7	.5	-	-	-	7.7	66.1	-
2651	Containers, boxes, baskets, pallets and skids, paperboard, fiberboard, and pulpboard.....	.6	3.4	.7	.6	-	-	-	7.6	66.1	-
26511	Containers and boxes, and paperboard, fiberboard, and pulpboard.....	.6	3.4	.7	.6	-	-	-	7.6	66.1	-
28	Chemicals and allied products.....	1.5	.5	3.4	.1	.8	4.1	7.3	11.3	36.0	-
281	Industrial chemicals.....	.8	-	1.2	1.8	-	-	-	10.4	48.4	-
2818	Miscellaneous industrial organic chemicals.....	.4	-	1.3	1.3	-	-	-	14.1	45.1	-
284	Soap and detergents, cleaning prepara- tions, perfumes, cosmetics, and other toilet preparations.....	2.3	.3	5.2	.1	.1	6.8	7.7	8.4	36.2	-
2841	Soap and other detergents (except spe- cialty cleaners).....	3.1	.4	7.4	.1	.2	.3	11.3	.9	37.4	-
28419	Soap or detergents, n.e.c. (except synthetic organic detergents and specialty cleaners).....	3.1	.4	7.4	.1	.2	.3	11.3	.9	37.5	-

See footnotes at end of table.

TABLE 4. Percent Distribution of Commodities, by Production Area of Destination: 1967 --Continued

TCC code	Commodity	Number	Percent distribution by production area ¹ of destination							
			Total	1 (BOST)	2 (HART)	3 (NYNY)	4 (N. NJ)	5 (PHIL)	6 (BALT)	7 (ALLN)
	TON-MILES OF SHIPMENTS--Continued	(millions of ton-miles)								
285	Paints, varnishes, lacquers, enamels, and allied products.....	20	100.0	1.1	0.1	1.6	8.0	-	0.1	-
2851	Paints, varnishes, lacquers, enamels, and allied products.....	20	100.0	1.1	.1	1.6	8.0	-	.1	-
28511	Paints, varnishes, lacquers, enamels, and shellacs.....	13	100.0	1.6	.1	2.5	12.1	-	.1	-
289	Miscellaneous chemical products.....	76	100.0	10.2	-	10.6	.2	7.1	4.4	-
2899	Chemical products, n.e.c.....	68	100.0	11.5	-	11.8	.2	7.9	4.4	-
30	Rubber and miscellaneous plastics products.....	102	100.0	3.6	.1	4.6	1.8	2.3	1.1	-
329	Abrasives, asbestos, and miscellaneous nonmetallic mineral products.....	1	100.0	-	-	-	-	-	-	-
332	Iron and steel castings.....	14	100.0	-	-	-	.1	1.0	-	-
3321	Iron and steel castings.....	14	100.0	-	-	-	.1	1.0	-	-
33219	Iron and steel castings, n.e.c.....	14	100.0	-	-	-	.1	1.0	-	-
34	Fabricated metal products.....	98	100.0	1.1	.4	6.4	4.2	2.5	.8	0.4
349	Miscellaneous fabricated metal products	41	100.0	1.3	.5	11.1	6.7	4.1	.3	-
34999	Fabricated metal products, n.e.c.....	1	100.0	-	-	2.8	-	6.3	-	-
35	Machinery, except electrical.....	264	100.0	2.5	.9	4.1	2.6	3.6	.9	.1
353	Construction, mining, and materials handling machinery and equipment.....	22	100.0	2.3	1.1	.7	.4	1.1	-	-
354	Metalworking machinery and equipment...	43	100.0	1.8	2.8	8.0	2.4	.7	1.4	-
3541	Machine tools, metal cutting types.....	14	100.0	1.0	1.3	7.6	4.9	1.1	1.8	.1
35412	Machine tools, metal cutting types.....	14	100.0	1.0	1.3	7.6	4.9	1.1	1.8	.1
3548	Metalworking machinery (except machine tools).....	13	100.0	4.6	4.7	8.1	2.2	1.2	.5	-
355	Special industry machinery (except metalworking machinery).....	59	100.0	5.1	.2	2.9	1.2	1.6	.7	-
359	Miscellaneous machinery and parts (except electrical).....	11	100.0	.6	.7	22.6	.1	1.4	-	.1
3599	Miscellaneous machinery and parts (except electrical).....	11	100.0	.6	.7	22.6	.1	1.4	-	.1
35999	Machinery and parts, n.e.c. (except electrical).....	11	100.0	.6	.7	22.8	.1	1.4	-	.1
36	Electrical machinery and equipment.....	238	100.0	4.1	.1	6.0	4.1	.9	.2	.1
362	Electrical industrial apparatus.....	59	100.0	2.9	-	8.0	.4	.6	.8	.2
3621	Motors and generators.....	27	100.0	3.6	-	2.1	.9	.2	1.6	.1
36211	Motors.....	25	100.0	3.9	-	2.3	.6	.2	-	-
37	Transportation equipment.....	666	100.0	1.0	-	20.6	4.4	2.0	.3	.1
371	Motor vehicles and motor vehicle equipment.....	651	100.0	1.0	-	20.9	4.5	2.0	.3	.1
3714	Motor vehicle parts and accessories.....	310	100.0	1.3	.1	3.0	4.0	4.0	.6	.3

See footnotes at end of table.

TABLE 4. Percent Distribution of Commodities, by Production Area of Destination: 1967--Continued

TCC code	Commodity	Percent distribution by production area ¹ of destination--Continued									
		8 (HARR)	9 (SYRA)	10 (BUFF)	11 (CLEV)	12 (PITT)	13 (DETR)	14 ² (CINC)	15 (CHIC)	16 (MILW)	17 (M-SP)
	TON-MILES OF SHIPMENTS--Continued										
285	Paints, varnishes, lacquers, enamels, and allied products.....	-	0.1	2.1	2.5	0.2	16.2	0.6	17.0	2.4	0.6
2851	Paints, varnishes, lacquers, enamels, and allied products.....	-	.1	2.1	2.5	.2	16.2	.6	17.0	2.4	.6
28511	Paints, varnishes, lacquers, enamels, and shellacs.....	-	.1	2.3	1.2	-	16.5	.8	22.5	.2	.9
289	Miscellaneous chemical products.....	-	-	.3	.6	-	1.6	.3	3.7	.2	1.3
2899	Chemical products, n.e.c.....	-	-	-	.2	-	1.0	.1	4.0	.2	1.5
30	Rubber and miscellaneous plastics products.....	0.1	.1	3.7	.6	.5	1.3	.3	1.8	.3	3.7
329	Abrasives, asbestos, and miscellaneous nonmetallic mineral products.....	-	-	-	6.2	-	.5	.4	2.6	-	-
332	Iron and steel castings.....	-	2.7	2.9	4.2	1.0	21.3	4.3	2.6	.6	1.5
3321	Iron and steel castings.....	-	2.7	2.9	4.2	1.0	21.3	4.3	2.6	.6	1.5
33219	Iron and steel castings, n.e.c.....	-	2.7	2.9	4.2	1.0	21.4	4.3	2.6	.6	1.5
34	Fabricated metal products.....	.2	.2	1.1	3.1	.3	2.5	2.6	.8	.3	.1
349	Miscellaneous fabricated metal products	.1	.1	.7	5.6	.3	.3	.5	.4	.6	.1
34999	Fabricated metal products, n.e.c.....	.8	-	-	-	-	-	.2	-	-	-
35	Machinery, except electrical.....	1.0	1.2	.5	1.0	.2	4.5	.5	2.5	.3	.6
353	Construction, mining, and materials handling machinery and equipment.....	-	.2	.8	1.6	.4	4.3	-	5.2	.6	.4
354	Metalworking machinery and equipment...	.3	.6	.9	1.8	.6	6.8	1.2	2.8	.6	1.3
3541	Machine tools, metal cutting types.....	.5	-	1.7	.4	.7	2.7	.1	1.6	1.0	1.2
35412	Machine tools, metal cutting types.....	.5	-	1.7	.4	.7	2.7	.1	1.6	1.0	1.2
3548	Metalworking machinery (except machine tools).....	.5	.4	.4	4.4	1.4	4.7	.2	6.5	.4	.7
355	Special industry machinery (except metalworking machinery).....	.1	1.4	.6	.2	.2	.3	.1	.7	.1	.6
359	Miscellaneous machinery and parts (except electrical).....	15.3	-	.3	3.1	.1	8.4	3.3	.8	-	1.5
3599	Miscellaneous machinery and parts (except electrical).....	15.3	-	.3	3.1	.1	8.4	3.3	.8	-	1.5
35999	Machinery and parts, n.e.c. (except electrical).....	15.5	-	.3	3.2	.1	8.5	3.3	.8	-	1.5
36	Electrical machinery and equipment.....	-	1.3	1.3	.3	.7	.7	.1	1.1	.2	2.3
362	Electrical industrial apparatus.....	.1	5.2	.8	.8	.6	1.8	.3	2.5	.4	.6
3621	Motors and generators.....	.2	11.3	1.3	.2	.2	2.2	.6	3.0	.4	1.1
36211	Motors.....	.2	12.0	1.4	.2	.2	2.1	.4	3.3	.4	1.2
37	Transportation equipment.....	1.7	.4	.6	1.3	.1	9.0	.1	.2	.2	.2
371	Motor vehicles and motor vehicle equipment.....	1.7	.4	.7	1.3	.1	9.2	.1	.2	.2	.2
3714	Motor vehicle parts and accessories....	-	-	.7	1.9	.1	16.9	-	.1	.2	.1

See footnotes at end of table.

TABLE 4. Percent Distribution of Commodities, by Production Area of Destination: 1967--Continued

TCC code	Commodity	Percent distribution by production area ¹ of destination--Continued									Sampling variability code ³
		18 (STLO)	19 (ATLA)	20 (DALL)	21 (HOUS)	22 (DENV)	23 (SETL)	24 (SANF)	25 (LOSA)	All other	
	TON-MILES OF SHIPMENTS--Continued										
285	Paints, varnishes, lacquers, enamels, and allied products.....	0.6	-	1.6	0.2	3.0	0.7	3.8	1.4	36.1	-
2851	Paints, varnishes, lacquers, enamels, and allied products.....	.6	-	1.6	.2	3.0	.7	3.8	1.4	36.1	-
28511	Paints, varnishes, lacquers, enamels, and shellacs.....	.3	-	2.5	.2	-	1.1	5.8	.5	28.7	-
289	Miscellaneous chemical products.....	.4	-	.2	-	-	-	-	17.1	41.8	-
2899	Chemical products, n.e.c.....	-	-	.1	-	-	-	-	19.2	37.9	-
30	Rubber and miscellaneous plastics products.....	.1	0.4	2.9	-	-	-	1.4	.9	68.4	-
329	Abrasives, asbestos, and miscellaneous nonmetallic mineral products.....	-	-	-	-	-	-	-	2.0	88.3	-
332	Iron and steel castings.....	-	-	-	-	-	-	-	-	57.8	-
3321	Iron and steel castings.....	-	-	-	-	-	-	-	-	57.8	-
33219	Iron and steel castings, n.e.c.....	-	-	-	-	-	-	-	-	57.7	-
34	Fabricated metal products.....	.1	.6	.4	10.7	.7	-	3.7	7.4	49.4	-
349	Miscellaneous fabricated metal products	-	.7	1.0	19.9	.2	-	8.4	1.8	35.3	-
34999	Fabricated metal products, n.e.c.....	-	-	-	-	-	-	-	-	89.9	-
35	Machinery, except electrical.....	1.3	.3	1.4	8.0	.3	2.1	4.0	10.1	45.5	-
353	Construction, mining, and materials handling machinery and equipment.....	.2	1.2	.3	.2	.2	2.3	3.4	3.2	69.9	-
354	Metalworking machinery and equipment...	.2	.2	1.7	.3	.6	8.3	2.9	13.7	38.1	-
3541	Machine tools, metal cutting types.....	.5	.5	1.9	.9	1.2	2.2	4.9	27.2	33.0	-
35412	Machine tools, metal cutting types.....	.5	.5	1.9	.9	1.2	2.2	4.9	27.2	33.0	-
3548	Metalworking machinery (except machine tools).....	.1	-	.9	-	-	20.8	-	14.1	23.2	-
355	Special industry machinery (except metalworking machinery).....	.4	.3	.1	26.1	.2	-	.9	.8	55.2	-
359	Miscellaneous machinery and parts (except electrical).....	1.3	.2	.7	.5	-	-	1.8	3.1	34.1	-
3599	Miscellaneous machinery and parts (except electrical).....	1.3	.2	.7	.5	-	-	1.8	3.1	34.1	-
35999	Machinery and parts, n.e.c. (except electrical).....	1.3	.2	.8	.5	-	-	1.9	3.1	33.3	-
36	Electrical machinery and equipment.....	.1	3.4	5.2	.4	2.7	4.6	1.0	7.9	51.2	-
362	Electrical industrial apparatus.....	.3	.1	10.9	.7	1.1	.1	1.0	2.8	57.0	-
3621	Motors and generators.....	.7	.1	1.9	.8	.9	.3	2.0	3.9	60.4	-
36211	Motors.....	.8	.1	2.1	.9	1.0	.3	2.0	4.4	60.0	-
37	Transportation equipment.....	1.1	1.9	3.0	.8	.5	1.0	2.5	12.8	34.2	-
371	Motor vehicles and motor vehicle equipment.....	.7	1.9	2.9	.8	.5	.9	2.3	12.8	34.8	-
3714	Motor vehicle parts and accessories....	.5	3.2	3.9	-	-	.1	4.8	26.2	28.0	-

¹Designations below the area numbers are used to help identify the area. Descriptions of production areas appear on page 4.

²Includes only those shipments that originated in one city in this area and terminated in another city in this area. Does not include shipments originating and terminating in the same city.

³Code letter indicates a sampling variability range as follows: a, 0-9 percent; b, 10-19 percent; c, 20-29 percent; and d, 30-50 percent. The variability for ton-miles has not been estimated.

PRODUCTION AREA 15

Consists of two Standard Metropolitan Statistical Areas:
Chicago, Ill. and Gary-Hammond-East Chicago, Ind.

SUMMARY

The estimates of tons and ton-miles are based on reports from a sample of shipments by approximately 893 manufacturing establishments located in this Production Area. The total tons and ton-miles represent the total inter-city shipments by essentially all manufacturing establishments in the area, except for plants with less than 20 employees. However, since the data are based on a sample, the estimates necessarily are subject to "sampling variability."

The approximate degree of sampling variability for tons for each commodity or commodity class is indicated in the last column of tables 1 to 4. In general, most of the commodity data in this report are subject to substantial sampling variability and should be treated as approximate rather than precise measures.

About 62.2 million tons of commodities were shipped by plants in this area to destinations beyond the local area. These shipments generated 17.1 billion ton-miles by all means of transport combined, and averaged about 275 straight-line miles per ton shipped.

Motor carrier is the dominant means of transport, hauling about 44 percent of the total tons. When measured in terms of ton-miles rather than tons, rail becomes the dominant means of transport, accounting for somewhat over one-half the total ton-miles.

As shown in tables A, B, and C, petroleum and coal products, as a result of their large volume and unusual traffic pattern, have a marked influence on the distribution of shipments. Consequently, two totals are shown: (1) All commodities combined, and (2) the total exclusive of petroleum and coal products. The influence of these products is most evident in connection with shipments by water, as measured by both tons and ton-miles (see table A).

Comparisons between 1967 and 1963 data are presented in tables A through D. The 1967 survey is comparable with 1963, except for the exclusion from the survey, in 1967, of plants with less than 20 employees. Nationally, those plants accounted for only 4 percent of the total tons originated in the 1963 survey.

**Table A. PERCENT DISTRIBUTION OF SHIPMENTS
BY MEANS OF TRANSPORT**

Means of transport	All commodities		All commodities except petroleum and coal products	
	1967	1963	1967	1963
Tons of shipments.....millions..	62.2	70.3	50.1	60.4
Ton-miles.....billions..	17.1	18.5	15.5	17.2
TONS OF SHIPMENTS				
Percent distribution				
All means of transport.....	100.0	100.0	100.0	100.0
Rail.....	37.8	35.4	42.9	39.1
Motor carrier.....	43.8	44.5	44.1	47.5
Private truck.....	9.2	9.2	9.8	8.5
Air.....	.1	-	.1	-
Water.....	8.6	10.1	2.5	4.0
Other.....	.5	.8	.6	.9
TON-MILES				
All means of transport.....	100.0	100.0	100.0	100.0
Rail.....	51.8	45.1	52.4	46.4
Motor carrier.....	34.7	39.7	35.9	41.3
Private truck.....	5.4	3.4	5.6	3.0
Air.....	.2	.1	.2	.1
Water.....	6.9	9.5	4.8	6.8
Other.....	1.0	2.2	1.1	2.4

Note: Ton-miles are the product of weight times distance on a straight-line distance basis.

**Table B. AVERAGE LENGTH OF HAUL
BY MEANS OF TRANSPORT**

(Straight-line miles)

Means of transport	All commodities		All commodities except petroleum and coal products	
	1967	1963	1967	1963
All means of transport.....	275	263	309	285
Rail.....	377	335	378	338
Motor carrier.....	218	234	252	247
Private truck.....	161	98	178	99

Note: Average length of haul is based on straight-line miles from plant to customer or redistribution point, weighted by tonnage shipped (i.e., ton-miles divided by tons). Rail short-line and highway direct-route distances average about 24 and 21 percent, respectively, longer than straight-line distances.

**Table C. PERCENT DISTRIBUTION OF SHIPMENTS
BY DISTANCE OF SHIPMENT**

Means of transport	All commodities		All commodities except petroleum and coal products	
	1967	1963	1967	1963
TONS OF SHIPMENTS				
All distances.....	100.0	100.0	100.0	100.0
Under 100 miles.....	39.2	38.9	33.9	39.6
100 to 199 miles.....	17.9	20.1	17.7	15.4
200 to 299 miles.....	13.8	13.2	15.3	13.9
300 to 499 miles.....	12.5	11.3	13.6	12.5
500 to 999 miles.....	13.0	13.3	15.3	15.0
1,000 to 1,499 miles.....	.8	1.0	1.0	1.1
1,500 miles and over.....	2.8	2.2	3.2	2.5

**Table D. PERCENT DISTRIBUTION OF SHIPMENTS
BY AREA OF DESTINATION**

Area of destination	1967	1963
Tons of shipments.....thousands..	62,233	70,281
Ton-miles.....millions..	17,103	18,491
TONS OF SHIPMENTS		
Percent distribution		
All areas.....	100.0	100.0
Production Area 15 ¹	30.0	30.3
Other production areas.....	26.9	30.4
All other areas.....	43.1	39.3
TON-MILES		
All areas.....	100.0	100.0
Production Area 15 ¹	2.7	2.7
Other production areas.....	46.4	47.7
All other areas.....	50.9	49.6

¹Includes only those shipments that originated in one city in this area and terminated in another city in this area.

TABLE 1. Percent Distribution of Commodities, by Means of Transport: 1967

TCC code	Commodity	Number	Percent distribution by means of transport								Sampling variability code ¹
			All means of transport	Rail	Motor carrier	Private truck	Air	Water	Other	Unknown	
	TONS OF SHIPMENTS	(thousands of tons)									
	Production Area 15, total.....	62,233	100.0	37.8	43.8	9.2	0.1	8.6	0.3	0.2	-
20	Food and kindred products.....	7,364	100.0	54.2	36.7	8.3	-	.2	.1	.5	b
201	Meat, poultry, and small game; fresh, chilled or frozen.....	495	100.0	35.0	52.9	9.6	-	1.8	.7	-	c
2012	Meat, fresh frozen.....	23	100.0	11.2	88.8	-	-	-	-	-	d
2013	Meat products.....	214	100.0	38.4	52.8	3.0	-	4.2	1.6	-	d
20132	Meats and sausage, cooked, cured, dried, smoked, or salted.....	77	100.0	4.8	92.3	2.8	-	-	-	.1	c
203	Canned and preserved fruits, vegetables, and seafoods.....	1,330	100.0	59.4	36.5	4.0	.1	-	-	-	b
2033	Canned fruits and vegetables.....	268	100.0	44.7	47.1	8.2	-	-	-	-	d
2037	Frozen fruits, vegetables, fruit juices, and specialties.....	190	100.0	19.3	73.1	6.6	.9	.1	-	-	d
20374	Frozen prepared food and soups (except seafoods).....	171	100.0	21.5	76.8	.6	1.0	.1	-	-	d
204	Grain mill products.....	2,676	100.0	76.0	18.4	4.6	-	-	-	1.0	d
2042	Prepared feed for animals, fish, and fowls (except hay, straw, or related products).....	578	100.0	52.3	27.9	15.0	-	-	-	4.8	d
20421	Prepared feed for animals, fish, or fowls (except canned).....	392	100.0	46.6	28.0	18.4	-	-	-	7.0	d
207	Confectionery and related products.....	927	100.0	36.4	59.9	2.4	-	.1	.1	1.1	b
2071	Confectionery and related products.....	927	100.0	36.4	59.9	2.4	-	.1	.1	1.1	b
20711	Candy (bars, bulk, packaged).....	537	100.0	23.6	72.3	1.9	.1	.1	.1	1.9	b
20719	Confectionery and related products, n.e.c.....	182	100.0	40.7	53.3	5.9	-	-	.1	-	d
208	Beverages and flavoring extracts.....	879	100.0	24.5	44.3	30.7	-	.3	.2	-	d
209	Miscellaneous food preparations and kindred products.....	933	100.0	39.0	50.5	10.1	-	-	.2	.2	d
2099	Miscellaneous food preparations.....	187	100.0	45.1	48.4	4.2	-	-	1.1	1.2	d
20999	Food preparations, n.e.c.....	98	100.0	50.2	42.7	6.1	-	-	.9	.1	d
23	Apparel, including knit apparel, and other finished textile products.....	54	100.0	23.8	58.9	4.0	.6	.1	12.6	-	d
24	Lumber and wood products, except furniture.....	77	100.0	11.9	50.8	35.9	-	.7	.7	-	d
25	Furniture and fixtures.....	432	100.0	34.5	47.3	17.5	.2	-	.4	.1	b
251	Household and office furniture.....	265	100.0	27.6	43.2	28.3	.2	-	.6	.1	c
2511	Chairs, rockers, benches, and stools...	18	100.0	34.7	60.4	4.8	-	-	.1	-	d
25111	Chairs, rockers, benches, and stools, not upholstered.....	18	100.0	34.7	60.4	4.8	-	-	.1	-	d
2512	Tables or desks.....	43	100.0	61.6	38.4	-	-	-	-	-	d
25121	Tables or desks.....	43	100.0	61.6	38.4	-	-	-	-	-	d
2517	Cabinets and cases.....	56	100.0	21.9	52.3	24.4	.6	-	.8	-	d
254	Partitions, shelving, lockers, and office and store fixtures.....	130	100.0	37.5	62.0	.4	-	-	.1	-	d
2542	Metal partitions, shelving, lockers, and office and store fixtures.....	129	100.0	37.8	61.8	.3	-	-	.1	-	d
25421	Partitions.....	129	100.0	37.8	61.8	.3	-	-	.1	-	d
259	Miscellaneous furniture and fixtures...	35	100.0	75.9	22.6	.9	.5	-	.1	-	c

See footnote at end of table.

TABLE 1. Percent Distribution of Commodities, by Means of Transport: 1967--Continued

TCC code	Commodity	Number	Percent distribution by means of transport								Sampling variability code ¹
			All means of transport	Rail	Motor carrier	Private truck	Air	Water	Other	Unknown	
	TONS OF SHIPMENTS--Continued	(thousands of tons)									
26	Pulp, paper, and allied products.....	1,883	100.0	13.9	56.7	25.4	0.1	0.1	1.9	1.9	b
26219	Paper, n.e.c.....	32	100.0	7.5	82.0	.3	.2	.1	9.9	-	c
264	Converted paper and paperboard products (except containers and boxes).....	562	100.0	17.8	72.7	6.3	.1	.3	2.7	.1	c
2642	Envelopes (except stationery).....	65	100.0	1.3	92.2	3.9	.3	.1	2.2	-	d
26421	Envelopes (except stationery).....	65	100.0	1.3	92.2	3.9	.3	.1	2.2	-	d
26451	Office supplies.....	57	100.0	.2	68.8	26.0	.1	3.3	1.2	.4	d
2649	Miscellaneous converted paper products and paperboard products.....	166	100.0	31.8	64.3	3.9	-	-	-	-	d
265	Containers, boxes and related products, paperboard, fiberboard, and pulpboard.	950	100.0	8.2	49.9	40.2	-	-	1.7	-	c
2651	Containers, boxes, baskets, pallets and skids, paperboard, fiberboard, and pulpboard.....	757	100.0	5.3	50.6	42.0	-	-	2.1	-	d
26511	Containers and boxes, paperboard, fiberboard, and pulpboard.....	756	100.0	5.3	50.6	42.0	-	-	2.1	-	d
2654	Sanitary food containers.....	131	100.0	-	61.6	38.0	.1	-	.3	-	d
28	Chemicals and allied products.....	7,069	100.0	35.6	41.5	22.2	-	.4	.2	.1	b
281	Industrial chemicals.....	3,162	100.0	54.2	27.4	18.2	-	-	-	.2	b
2812	Basic inorganic chemical compounds (including chlorine, potassium, and sodium compounds).....	598	100.0	47.2	32.2	20.1	-	-	-	.5	c
28123	Sodium compounds (except sodium alkalis).....	379	100.0	53.2	38.7	8.1	-	-	-	-	c
2818	Miscellaneous industrial organic chemicals.....	403	100.0	24.0	57.3	18.3	-	.2	.1	.1	c
28185	Glycols and glycerins.....	74	100.0	27.4	64.7	7.9	-	-	-	-	d
2819	Miscellaneous industrial inorganic chemicals.....	881	100.0	50.0	37.1	12.7	-	-	-	.2	d
28199	Industrial inorganic chemicals, n.e.c. (including reagent and high purity chemicals).....	20	100.0	11.8	80.8	7.2	.1	-	.1	-	d
282	Plastic materials and plasticizers, synthetic resins, rubbers, and fibers.	398	100.0	26.0	50.7	22.7	.1	-	.1	.4	d
2821	Plastic materials and plasticizers, synthetic resins, rubbers, and fibers.	398	100.0	26.0	50.7	22.7	.1	-	.1	.4	d
28211	Plastic materials and plasticizers, synthetic resins, and nonvulcanizable elastomers.....	396	100.0	26.1	50.8	22.8	.1	-	.1	.1	d
284	Soap and detergents, cleaning preparations, perfumes, cosmetics, and other toilet preparations.....	1,002	100.0	20.5	68.9	7.4	-	2.5	.6	.1	b
2841	Soap and other detergents (except specialty cleansers).....	586	100.0	31.6	55.7	8.3	-	4.2	.1	.1	b
28419	Soap or detergents, n.e.c. (except synthetic organic detergents and specialty cleansers).....	458	100.0	34.4	55.0	4.9	-	5.3	.2	.2	b
2842	Specialty cleaning, polishing, and sanitation preparations (except soap and detergents).....	260	100.0	2.3	93.3	3.3	-	-	1.1	-	b
2844	Perfumes, cosmetics, and other toilet preparations.....	122	100.0	10.4	86.6	1.0	.1	.1	1.8	-	b
28441	Perfumes, cosmetics, and other toilet preparations.....	122	100.0	10.4	86.6	1.0	.1	.1	1.8	-	b

See footnote at end of table.

TABLE 1. Percent Distribution of Commodities, by Means of Transport: 1967--Continued

TCC code	Commodity	Number	Percent distribution by means of transport								Sampling variability code ¹
			All means of transport	Rail	Motor carrier	Private truck	Air	Water	Other	Unknown	
	TONS OF SHIPMENTS--Continued	(thousands of tons)									
285	Paints, varnishes, lacquers, enamels, and allied products.....	489	100.0	10.8	74.6	14.2	-	-	0.3	0.1	b
2851	Paints, varnishes, lacquers, enamels, and allied products.....	489	100.0	10.8	74.6	14.2	-	-	.3	.1	b
28511	Paints, varnishes, lacquers, enamels, and shellacs.....	349	100.0	11.9	73.9	13.9	-	-	.3	-	b
28512	Solvents, thinners, paint oils and driers, and related products.....	73	100.0	12.7	67.3	19.4	-	-	.1	.5	c
28519	Paints, varnishes, lacquers, shellacs, enamels, and allied products, n.e.c. (including mixed shipments).....	64	100.0	2.9	86.3	10.6	-	-	.1	.1	d
29	Petroleum and coal products.....	12,139	100.0	16.9	42.7	6.7	-	33.6	-	.1	b
291	Products of petroleum refining.....	9,920	100.0	11.3	41.7	5.9	-	41.1	-	-	c
2911	Products of petroleum refining (except liquefied petroleum gases and petroleum coke and breeze).....	9,862	100.0	11.1	41.9	5.7	-	41.3	-	-	c
29111	Gasoline, jet fuels, and other high volatile petroleum fuels (except natural gasoline).....	3,028	100.0	3.6	56.5	10.8	-	29.1	-	-	c
29112	Kerosene.....	47	100.0	.6	88.9	10.5	-	-	-	-	d
29113	Distillate fuel oil.....	1,613	100.0	10.9	51.9	1.9	-	35.3	-	-	c
29114	Lubricating oils and similar light oils and derivatives.....	823	100.0	58.0	30.2	11.5	-	.3	-	-	c
29115	Lubricating greases.....	82	100.0	40.6	26.0	33.4	-	-	-	-	d
29116	Petroleum asphalt, tar, and pitches (including coke-oven and coal tar)....	862	100.0	26.5	70.9	2.6	-	-	-	-	c
29119	Products of petroleum refining, n.e.c..	83	100.0	27.0	45.8	27.2	-	-	-	-	c
2912	Liquefied petroleum and coal gases.....	58	100.0	36.7	16.0	47.3	-	-	-	-	d
29121	Liquefied petroleum and coal gases.....	58	100.0	36.7	16.0	47.3	-	-	-	-	d
295	Paving and roofing materials.....	1,628	100.0	25.0	60.4	13.8	-	-	.1	.7	a
2951	Paving mixtures and blocks.....	386	100.0	8.2	70.3	18.4	-	-	-	3.1	b
29511	Paving mixtures and blocks.....	386	100.0	8.2	70.3	18.4	-	-	-	3.1	b
2952	Asphalt felt and coatings.....	1,243	100.0	30.3	57.2	12.4	-	-	.1	-	a
29522	Asphalt and tar coatings, cements, and pitches.....	219	100.0	22.7	39.6	37.7	-	-	-	-	b
29523	Asphalt shingles and siding.....	722	100.0	28.6	61.3	9.9	-	-	.2	-	a
299	Miscellaneous petroleum and coal products.....	591	100.0	88.7	10.9	.3	-	-	.1	-	a
2991	Miscellaneous petroleum and coal products.....	591	100.0	88.7	10.9	.3	-	-	.1	-	a
30	Rubber and miscellaneous plastics products.....	353	100.0	12.5	70.9	14.0	0.7	-	1.8	.1	b
30619	Fabricated rubber products, n.e.c.....	10	100.0	.1	69.4	28.0	.5	-	1.8	.2	c
307	Miscellaneous plastic products.....	251	100.0	16.1	78.4	3.6	.9	-	.9	.1	b
3071	Miscellaneous plastic products.....	251	100.0	16.1	78.4	3.6	.9	-	.9	.1	b
30713	Moulded plastic products.....	45	100.0	4.3	82.9	9.4	1.4	-	2.0	-	d
30718	Plastic closures for bottles, cans, glasses, and jars (bands, caps, covers, discs, or tops).....	84	100.0	15.2	79.6	2.5	1.6	-	1.1	-	d
30719	Fabricated plastics products, n.e.c. (including footwear made wholly of plastic).....	60	100.0	1.1	97.5	.5	.2	-	.7	-	d
31	Leather and leather products.....	25	100.0	10.2	82.9	.9	-	-	6.0	-	d
32	Stone, clay, and glass products.....	3,893	100.0	50.2	36.0	3.7	-	10.1	-	-	d
322	Glass and glassware, pressed and blown.	334	100.0	12.4	82.7	4.9	-	-	-	-	c
3221	Glass containers, caps and covers.....	334	100.0	12.4	82.7	4.9	-	-	-	-	c

See footnote at end of table.

TABLE 1. Percent Distribution of Commodities, by Means of Transport: 1967--Continued

TCC code	Commodity	Number	Percent distribution by means of transport								Sampling variability code ¹
			All means of transport	Rail	Motor carrier	Private truck	Air	Water	Other	Unknown	
	TONS OF SHIPMENTS--Continued	(thousands of tons)									
325	Structural clay products.....	241	100.0	18.0	78.8	3.2	-	-	-	-	d
327	Concrete, gypsum, plaster, and plaster products.....	504	100.0	37.0	63.0	-	-	-	-	-	d
32931	Gaskets, all types.....	15	100.0	.4	90.9	2.4	0.8	-	5.3	0.2	c
33	Primary metal products.....	20,926	100.0	47.4	44.3	4.2	-	4.1	-	-	a
331	Steel works and rolling mill products..	18,753	100.0	50.3	42.3	2.9	-	4.5	-	-	a
3312	Primary iron and steel products (except coke-oven products).....	17,335	100.0	53.6	38.4	3.1	-	4.9	-	-	a
33123	Sheet and strip, iron and steel (except tin mill products).....	7,864	100.0	43.7	48.7	3.5	-	4.1	-	-	a
33124	Bars, bar shapes, and rods.....	3,723	100.0	55.6	37.8	3.5	-	3.1	-	-	b
33127	Tin mill products.....	1,365	100.0	50.7	46.0	3.2	-	-	-	.1	b
3315	Steel wire, nails, and spikes.....	471	100.0	21.2	75.4	3.0	-	-	.4	-	c
33155	Steel wire.....	309	100.0	23.6	72.4	3.4	-	-	.6	-	c
332	Iron and steel castings.....	840	100.0	17.8	64.5	16.3	-	1.2	.1	.1	d
3321	Iron and steel castings.....	840	100.0	17.8	64.5	16.3	-	1.2	.1	.1	d
33219	Iron and steel castings, n.e.c.....	840	100.0	17.8	64.5	16.3	-	1.2	.1	.1	d
333	Nonferrous metals primary smelter products (slab, ingot, pig, etc., and residues).....	499	100.0	19.7	58.9	21.2	-	-	.2	-	d
3333	Primary zinc and zinc base alloys smelter products.....	40	100.0	29.0	53.7	17.1	-	-	.2	-	d
335	Nonferrous metal basic shapes.....	405	100.0	28.7	56.4	14.6	.1	-	.2	-	c
3369	Miscellaneous nonferrous metal castings	20	100.0	1.2	90.6	6.8	.2	-	1.2	-	d
33692	Zinc and zinc base alloy castings.....	10	100.0	-	84.8	12.7	.2	-	2.3	-	d
339	Miscellaneous primary metal products...	367	100.0	30.3	60.3	8.8	.1	-	.5	-	c
3391	Iron and steel forgings.....	350	100.0	31.8	58.9	9.3	-	-	-	-	c
33911	Iron and steel forgings.....	350	100.0	31.8	58.9	9.3	-	-	-	-	c
34	Fabricated metal products.....	3,131	100.0	20.7	58.2	19.4	.3	.1	1.0	.3	b
341	Metal cans.....	460	100.0	38.3	40.9	19.8	-	.1	.4	.5	a
3411	Metal cans.....	460	100.0	38.3	40.9	19.8	-	.1	.4	.5	a
34111	Metal cans.....	460	100.0	38.3	40.9	19.8	-	.1	.4	.5	a
342	Cutlery, hand tools, and general hardware.....	152	100.0	16.4	73.2	4.4	.4	.1	5.4	.1	d
3423	Hand and edge tools (except machine tools and hand saws).....	52	100.0	4.7	73.2	12.2	-	-	9.5	.4	d
34239	Hand tools, n.e.c. (machine tools and hand saws and blades).....	52	100.0	4.7	73.0	12.3	-	-	9.6	.4	d
3429	Miscellaneous hardware.....	51	100.0	6.7	90.1	-	1.0	.3	1.9	-	d
344	Structural and miscellaneous metal products.....	1,202	100.0	17.2	60.3	22.4	-	-	.1	-	d
3441	Structural metal products.....	489	100.0	20.3	61.5	18.0	.1	-	.1	-	d
34411	Structural metal products, iron and steel.....	489	100.0	20.3	61.5	18.0	.1	-	.1	-	d
345	Bolts, nuts, screws, rivets, washers, and other industrial fasteners.....	406	100.0	.9	91.7	3.6	1.3	-	2.5	-	d
3452	Bolts, nuts, screws, rivets, washers, and other industrial fasteners.....	406	100.0	.9	91.7	3.6	1.3	-	2.5	-	d
34529	Other industrial fasteners, including dowels, cotter pins, toggle and expansion bolts, etc.....	12	100.0	19.5	71.6	2.2	.4	-	5.2	-	d

See footnote at end of table.

TABLE 1. Percent Distribution of Commodities, by Means of Transport: 1967--Continued

TCC code	Commodity	Number	Percent distribution by means of transport								Sampling variability code
			All means of transport	Rail	Motor carrier	Private truck	Air	Water	Other	Unknown	
	TONS OF SHIPMENTS--Continued	(thousands of tons)									
346	Metal stampings.....	287	100.0	35.3	54.5	7.3	0.1	0.3	0.5	2.0	b
3461	Metal stampings.....	287	100.0	35.3	54.5	7.3	.1	.3	.5	2.0	b
34614	Metal closures.....	139	100.0	21.2	63.0	11.7	-	-	-	4.1	d
34619	Metal stampings, n.e.c.....	42	100.0	2.5	81.2	11.2	.4	2.3	2.4	-	d
348	Miscellaneous fabricated wire products.	123	100.0	38.3	54.9	6.6	-	-	.2	-	b
3481	Miscellaneous fabricated wire products.	123	100.0	38.3	54.9	6.6	-	-	.2	-	b
349	Miscellaneous fabricated metal products	476	100.0	18.3	38.8	41.0	.5	-	1.4	-	d
3494	Valves and pipe fittings (except plumbers' brass goods and fittings)...	76	100.0	10.6	79.2	1.8	2.2	-	6.1	.1	d
34941	Metal valves for piping, plumbing, and heating systems.....	36	100.0	21.6	64.5	2.1	3.6	.1	8.0	.1	d
3499	Fabricated metal products, n.e.c.....	169	100.0	.1	49.5	48.8	.4	-	1.2	-	d
34999	Fabricated metal products, n.e.c.....	153	100.0	-	48.4	49.9	.4	-	1.3	-	d
35	Machinery, except electrical.....	1,533	100.0	22.2	64.3	11.3	.4	.6	1.0	.2	a
351	Engines and turbines.....	255	100.0	6.7	89.2	3.4	.2	.1	-	.4	a
3519	Miscellaneous internal combustion engines.....	255	100.0	6.7	89.2	3.4	.2	.1	-	.4	a
35199	Internal combustion engines, except aircraft and automotive, n.e.c.....	244	100.0	5.9	90.1	3.5	-	-	.1	.4	b
353	Construction, mining, and materials handling machinery and equipment.....	616	100.0	40.9	38.8	18.7	.1	1.1	.2	.2	c
3531	Construction machinery and equipment...	460	100.0	50.5	25.3	22.4	.1	1.4	-	.3	c
35313	Parts and attachments for tracklaying and contractors' off-highway wheel and tracted tractors.....	40	100.0	68.6	31.3	.1	-	-	-	-	c
35314	Power cranes, draglines, shovels, tractor-shovel-loaders and parts.....	22	100.0	61.3	36.5	.6	1.5	-	.1	-	d
3532	Mining machinery, equipment, and parts (except oil field machinery and equipment).....	15	100.0	37.7	60.4	.2	.2	-	1.5	-	d
3535	Conveyors and conveying equipment (except hoists and farm elevators)....	46	100.0	.1	88.3	9.4	.1	.5	1.6	-	c
35351	Conveyors and conveying equipment and parts, except hoists and farm elevators.....	46	100.0	.1	88.3	9.4	.1	.5	1.6	-	c
3537	Industrial trucks, tractors, trailers, stackers, and metal skids, pallets, and platforms.....	53	100.0	11.8	72.8	14.8	.3	-	.3	-	b
35371	Industrial trucks, tractors, trailers, and stackers.....	50	100.0	6.7	76.9	15.7	.3	-	.4	-	b
354	Metalworking machinery and equipment...	120	100.0	16.5	72.7	8.9	.3	.3	1.3	-	c
3544	Special dies and tools, die sets, jigs, fixtures, and industrial molds and patterns.....	51	100.0	23.1	56.8	19.8	.1	-	.2	-	d
35441	Special dies and tools, die sets, jigs, and fixtures.....	51	100.0	23.1	56.8	19.8	.1	-	.2	-	d
3545	Machine tool accessories, measuring tools, and measuring devices.....	2	100.0	-	53.7	1.0	3.5	-	41.8	-	d
35451	Small cutting tools for machine tools and metalworking machinery.....	2	100.0	-	53.7	1.0	3.5	-	41.8	-	d
3548	Metalworking machinery (except machine tools).....	31	100.0	23.7	74.4	.6	.2	.1	1.0	-	c
355	Special industry machinery (except metalworking machinery).....	44	100.0	6.7	82.7	8.5	.7	-	1.4	-	c
3559	Miscellaneous special industry machinery.....	14	100.0	7.3	90.0	1.0	1.5	-	.2	-	d

See footnote at end of table.

TABLE 1. Percent Distribution of Commodities, by Means of Transport: 1967--Continued

TCC code	Commodity	Number	Percent distribution by means of transport								Sampling variability code ¹
			All means of transport	Rail	Motor carrier	Private truck	Air	Water	Other	Unknown	
	TONS OF SHIPMENTS--Continued	(thousands of tons)									
356	General industrial machinery and equipment.....	234	100.0	2.2	82.3	12.8	0.6	0.2	1.9	-	d
35611	Industrial pumps, including hydraulic fluid power pumps and motors.....	64	100.0	3.9	91.2	.7	.5	-	3.7	-	d
357	Office, computing, and accounting machines.....	53	100.0	-	90.6	-	.2	1.6	6.9	0.7	d
3579	Miscellaneous office machines.....	36	100.0	-	89.8	-	.2	2.3	6.6	1.1	d
35791	Addressing, dictating, and duplicating machines.....	36	100.0	-	89.9	-	.1	2.3	6.6	1.1	d
358	Service industry machines.....	60	100.0	.5	95.2	.7	.5	-	3.1	-	d
359	Miscellaneous machinery and parts (except electrical).....	34	100.0	23.3	65.0	1.0	7.8	-	2.9	-	b
3599	Miscellaneous machinery and parts (except electrical).....	34	100.0	23.3	65.0	1.0	7.8	-	2.9	-	b
35999	Machinery and parts, n.e.c. (except electrical).....	33	100.0	24.5	64.8	1.1	8.1	-	1.5	-	c
36	Electrical machinery and equipment.....	902	100.0	33.1	48.4	13.3	1.4	.6	3.2	-	a
361	Electrical transmission and distribution equipment.....	97	100.0	25.1	59.5	14.3	.6	-	.3	.2	c
3621	Motors and generators.....	1	100.0	6.2	81.9	.1	11.8	-	-	-	d
36211	Motors.....	1	100.0	8.8	75.1	.1	16.0	-	-	-	d
363	Household appliances.....	207	100.0	62.7	29.5	.7	.1	-	7.0	-	a
364	Electric lighting and wiring equipment.....	65	100.0	3.8	91.9	1.0	1.4	-	1.8	.1	c
3642	Lighting fixtures.....	35	100.0	6.7	87.8	1.3	2.2	-	1.9	.1	d
365	Radio and television receiving sets (except communication types), phonographs, and phonograph records.....	167	100.0	29.6	66.7	1.3	.9	-	1.5	-	b
3651	Radio and television receiving sets (except communication types), and phonographs.....	167	100.0	29.6	66.7	1.3	.9	-	1.5	-	b
36511	Household and automotive radios, radio-phonograph combinations, and phonographs.....	83	100.0	25.9	69.6	2.6	1.0	-	.9	-	c
36512	Household television receivers and television combinations.....	84	100.0	33.2	63.9	-	.8	-	2.1	-	c
3662	Radio and television transmitting, signaling, and detection equipment and apparatus.....	7	100.0	43.0	46.6	-	8.3	-	2.0	.1	a
36621	Radio and television transmitting, signaling, and detection equipment and apparatus.....	7	100.0	43.0	46.6	-	8.3	-	2.0	.1	a
367	Electronic components or accessories...	111	100.0	21.9	33.1	37.7	1.8	4.8	.7	-	a
3679	Miscellaneous electronic components and accessories.....	52	100.0	13.5	49.2	22.1	3.6	10.2	1.4	-	c
36791	Miscellaneous electronic components and accessories.....	52	100.0	13.5	49.2	22.1	3.6	10.2	1.4	-	c
369	Miscellaneous electrical machinery, equipment, and supplies.....	133	100.0	10.5	37.5	44.8	.4	-	6.8	-	b
3699	Electrical machinery, equipment, and supplies, n.e.c.....	10	100.0	53.9	44.6	-	.1	-	1.1	-	b
36999	Electrical machinery, equipment, and supplies, n.e.c.....	10	100.0	53.9	44.6	-	.1	-	1.4	-	b

See footnote at end of table.

TABLE 1. Percent Distribution of Commodities, by Means of Transport: 1967--Continued

TCC code	Commodity	Number	Percent distribution by means of transport								Sampling variability code ¹
			All means of transport	Rail	Motor carrier	Private truck	Air	Water	Other	Unknown	
	TONS OF SHIPMENTS--Continued	(thousands of tons)									
37	Transportation equipment.....	1,457	100.0	64.5	34.5	0.6	0.1	-	0.3	-	b
371	Motor vehicles and motor vehicle equipment.....	941	100.0	64.7	34.8	.2	-	-	.3	-	b
3714	Motor vehicle parts and accessories....	749	100.0	72.7	26.5	.3	.1	-	.4	-	b
374	Railroad equipment.....	493	100.0	67.8	31.2	.8	.1	-	.1	-	d
3742	Railroad and street cars.....	446	100.0	67.5	31.5	.9	-	-	.1	-	d
37428	Parts and accessories for railroad and street cars, except wheels.....	246	100.0	66.6	31.8	1.4	-	-	.2	-	d
38	Instruments, photographic goods, optical goods, watches, and clocks....	94	100.0	4.8	86.1	1.2	1.4	0.2	6.1	0.2	b
382	Measuring, controlling, and indicating instruments.....	29	100.0	8.9	78.9	.6	3.0	-	8.2	.4	d
386	Photographic equipment and supplies....	33	100.0	.8	87.9	2.7	.9	.6	7.1	-	d
3861	Photographic equipment and supplies....	33	100.0	.8	87.9	2.7	.9	.6	7.1	-	d
39	Miscellaneous products of manufacturing	262	100.0	3.8	66.4	27.1	.3	-	2.3	.1	d
3999	Manufactured products, n.e.c.....	22	100.0	13.2	48.0	32.5	.1	-	5.5	.7	d
	TON-MILES OF SHIPMENTS	(millions of ton-miles)									
	Production Area 15, total.....	17,103	100.0	51.8	34.7	5.4	.2	6.9	.6	.4	-
20	Food and kindred products.....	3,330	100.0	62.2	32.2	3.3	.1	1.6	.1	.5	-
201	Meat, poultry, and small game; fresh, chilled or frozen.....	255	100.0	38.4	43.7	2.8	-	15.0	.1	-	-
2012	Meat, fresh frozen.....	10	100.0	9.7	90.3	-	-	-	-	-	-
2013	Meat products.....	165	100.0	45.6	30.5	.6	-	23.2	.1	-	-
20132	Meats and sausage, cooked, cured, dried, smoked, or salted.....	39	100.0	7.3	90.7	2.0	-	-	-	-	-
203	Canned and preserved fruits, vegetables, and seafoods.....	527	100.0	67.8	29.4	2.6	.2	-	-	-	-
2033	Canned fruits and vegetables.....	121	100.0	53.4	42.0	4.6	-	-	-	-	-
2037	Frozen fruits, vegetables, fruit juices, and specialties.....	112	100.0	54.3	43.4	1.3	.9	.1	-	-	-
20374	Frozen prepared food and soups (except seafoods).....	107	100.0	56.8	42.2	-	.9	.1	-	-	-
204	Grain mill products.....	1,141	100.0	86.0	10.7	2.2	-	-	-	1.1	-
2042	Prepared feed for animals, fish, and fowls (except hay, straw, or related products).....	276	100.0	65.5	23.7	6.4	-	-	-	4.4	-
20421	Prepared feed for animals, fish, or fowls (except canned).....	181	100.0	54.9	29.8	8.5	-	-	-	6.8	-
207	Confectionery and related products.....	529	100.0	44.6	52.8	1.3	.1	.7	.1	.4	-
2071	Confectionery and related products.....	529	100.0	44.6	52.8	1.3	.1	.7	.1	.4	-
20711	Candy (bars, bulk, packaged).....	324	100.0	32.2	64.6	1.5	.1	.9	-	.7	-
20719	Confectionery and related products, n.e.c.....	83	100.0	51.3	45.8	2.4	-	.2	.3	-	-
208	Beverages and flavoring extracts.....	445	100.0	34.8	54.5	8.1	-	2.4	.2	-	-
209	Miscellaneous food preparations and kindred products.....	398	100.0	55.6	38.6	5.4	-	-	.2	.2	-
2099	Miscellaneous food preparations.....	121	100.0	61.2	36.0	1.3	-	-	.7	.8	-
20999	Food preparations, n.e.c.....	72	100.0	70.5	26.9	1.9	-	-	.6	.1	-
23	Apparel, including knit apparel, and other finished textile products.....	15	100.0	4.4	67.9	.6	1.7	1.5	23.9	-	-

See footnote at end of table.

TABLE 1. Percent Distribution of Commodities, by Means of Transport: 1967--Continued

TCC code	Commodity	Number	Percent distribution by means of transport								Sampling variability code ¹
			All means of transport	Rail	Motor carrier	Private truck	Air	Water	Other	Unknown	
	TON-MILES OF SHIPMENTS--Continued	(millions of ton-miles)									
24	Lumber and wood products, except furniture.....	25	100.0	14.7	68.4	6.7	-	8.9	1.3	-	-
25	Furniture and fixtures.....	193	100.0	53.4	40.6	5.1	0.4	-	.4	0.1	-
251	Household and office furniture.....	107	100.0	45.4	44.6	8.8	.5	-	.6	.1	-
2511	Chairs, rockers, benches, and stools...	16	100.0	61.6	37.3	1.1	-	-	-	-	-
25111	Chairs, rockers, benches, and stools, not upholstered.....	16	100.0	61.6	37.3	1.1	-	-	-	-	-
2512	Tables or desks.....	27	100.0	73.8	26.2	-	-	-	-	-	-
25121	Tables or desks.....	27	100.0	73.8	26.2	-	-	-	-	-	-
2517	Cabinets and cases.....	29	100.0	39.2	45.1	12.3	1.7	-	1.7	-	-
254	Partitions, shelving, lockers, and office and store fixtures.....	67	100.0	59.3	40.0	.6	.1	-	-	-	-
2542	Metal partitions, shelving, lockers, and office and store fixtures.....	67	100.0	59.5	39.8	.6	.1	-	-	-	-
25421	Partitions.....	67	100.0	59.5	39.8	.6	.1	-	-	-	-
259	Miscellaneous furniture and fixtures...	18	100.0	81.3	17.3	.1	1.2	-	.1	-	-
26	Pulp, paper, and allied products.....	476	100.0	25.7	47.6	13.1	.1	.7	3.0	9.8	-
26219	Paper, n.e.c.....	19	100.0	11.1	83.0	-	.3	.1	5.5	-	-
264	Converted paper and paperboard products (except containers and boxes).....	221	100.0	31.9	57.6	3.2	.2	1.6	5.4	.1	-
2642	Envelopes (except stationery).....	27	100.0	2.7	94.3	.3	.3	.7	1.7	-	-
26421	Envelopes (except stationery).....	27	100.0	2.7	94.3	.3	.3	.7	1.7	-	-
26451	Office supplies.....	28	100.0	.2	83.4	2.1	.3	11.5	1.8	.7	-
2649	Miscellaneous converted paper products and paperboard products.....	78	100.0	42.6	54.9	2.4	-	.1	-	-	-
265	Containers, boxes and related products, paperboard, fiberboard, and pulpboard.	130	100.0	16.6	43.3	38.8	.2	-	1.1	-	-
2651	Containers, boxes, baskets, pallets and skids, paperboard, fiberboard, and pulpboard.....	73	100.0	16.3	58.7	22.9	.2	-	1.9	-	-
26511	Containers and boxes, paperboard, fiberboard, and pulpboard.....	72	100.0	16.3	58.7	22.9	.2	-	1.9	-	-
2654	Sanitary food containers.....	45	100.0	-	27.8	72.0	.2	-	-	-	-
28	Chemicals and allied products.....	2,448	100.0	48.4	33.3	13.7	-	4.3	.2	.1	-
281	Industrial chemicals.....	964	100.0	78.6	14.9	6.3	-	-	-	.2	-
2812	Basic inorganic chemical compounds (including chlorine, potassium, and sodium compounds).....	175	100.0	69.5	23.4	6.3	-	-	-	.8	-
28123	Sodium compounds (except sodium alkalis).....	117	100.0	68.7	26.2	5.1	-	-	-	-	-
2818	Miscellaneous industrial organic chemicals.....	104	100.0	25.6	57.1	16.8	-	.3	.1	.1	-
28185	Glycols and glycerins.....	20	100.0	10.3	86.6	3.1	-	-	-	-	-
2819	Miscellaneous industrial inorganic chemicals.....	116	100.0	72.4	20.6	6.6	-	-	-	.4	-
28199	Industrial inorganic chemicals, n.e.c. (including reagent and high purity chemicals).....	7	100.0	21.0	70.1	8.7	.1	-	.1	-	-
282	Plastic materials and plasticizers, synthetic resins, rubbers, and fibers.	132	100.0	37.8	46.4	14.9	.4	-	.1	.4	-
2821	Plastic materials and plasticizers, synthetic resins, rubbers, and fibers.	132	100.0	37.8	46.4	14.9	.4	-	.1	.4	-

See footnote at end of table.

TABLE 1. Percent Distribution of Commodities, by Means of Transport: 1967--Continued

TCC code	Commodity	Number	Percent distribution by means of transport								Sampling variability code ¹
			All means of transport	Rail	Motor carrier	Private truck	Air	Water	Other	Unknown	
	TON-MILES OF SHIPMENTS--Continued	(millions of ton-miles)									
28211	Plastic materials and plasticizers, synthetic resins, and nonvulcanizable elastomers.....	132	100.0	37.9	46.4	15.0	0.4	-	0.1	0.2	-
284	Soap and detergents, cleaning preparations, perfumes, cosmetics, and other toilet preparations.....	523	100.0	25.8	50.3	4.0	-	19.6	.3	-	-
2841	Soap and other detergents (except specialty cleansers).....	328	100.0	36.0	27.8	4.9	-	31.3	-	-	-
28419	Soap or detergents, n.e.c. (except synthetic organic detergents and specialty cleansers).....	291	100.0	37.3	24.8	2.6	-	35.3	-	-	-
2842	Specialty cleaning, polishing, and sanitation preparations (except soap and detergents).....	108	100.0	4.8	94.2	.8	-	-	.2	-	-
2844	Perfumes, cosmetics, and other toilet preparations.....	75	100.0	14.3	83.6	-	.1	.1	1.9	-	-
28441	Perfumes, cosmetics, and other toilet preparations.....	75	100.0	14.3	83.6	-	.1	.1	1.9	-	-
285	Paints, varnishes, lacquers, enamels, and allied products.....	170	100.0	22.6	63.9	12.9	-	-	.4	.2	-
2851	Paints, varnishes, lacquers, enamels, and allied products.....	170	100.0	22.6	63.9	12.9	-	-	.4	.2	-
28511	Paints, varnishes, lacquers, enamels, and shellacs.....	140	100.0	26.4	60.2	13.1	-	-	.3	-	-
28512	Solvents, thinners, paint oils and driers, and related products.....	13	100.0	11.4	65.4	20.5	-	-	1.0	1.7	-
28519	Paints, varnishes, lacquers, shellacs, enamels, and allied products, n.e.c. (including mixed shipments).....	17	100.0	.9	92.3	6.1	-	-	.6	.1	-
29	Petroleum and coal products.....	1,607	100.0	46.0	23.5	3.1	-	27.3	-	.1	-
291	Products of petroleum refining.....	1,040	100.0	34.5	19.9	3.5	-	42.1	-	-	-
2911	Products of petroleum refining (except liquefied petroleum gases and petroleum coke and breeze).....	1,025	100.0	33.9	20.1	3.3	-	42.7	-	-	-
29111	Gasoline, jet fuels, and other high volatile petroleum fuels (except natural gasoline).....	290	100.0	2.7	17.9	2.8	-	76.6	-	-	-
29112	Kerosene.....	6	100.0	.6	96.0	3.4	-	-	-	-	-
29113	Distillate fuel oil.....	105	100.0	7.0	25.0	.9	-	67.1	-	-	-
29114	Lubricating oils and similar light oils and derivatives.....	285	100.0	76.2	19.1	4.6	-	.1	-	-	-
29115	Lubricating greases.....	23	100.0	50.1	27.6	22.3	-	-	-	-	-
29116	Petroleum asphalt, tar, and pitches (including coke-oven and coal tar)....	124	100.0	70.8	28.2	1.0	-	-	-	-	-
29119	Products of petroleum refining, n.e.c..	19	100.0	53.1	30.3	16.4	-	.2	-	-	-
2912	Liquefied petroleum and coal gases.....	15	100.0	75.3	7.6	17.1	-	-	-	-	-
29121	Liquefied petroleum and coal gases.....	15	100.0	75.3	7.6	17.1	-	-	-	-	-
295	Paving and roofing materials.....	292	100.0	41.6	53.4	4.4	-	.1	-	.5	-
2951	Paving mixtures and blocks.....	46	100.0	22.9	64.8	9.4	-	-	-	2.9	-
29511	Paving mixtures and blocks.....	46	100.0	22.9	64.8	9.4	-	-	-	2.9	-
2952	Asphalt felt and coatings.....	246	100.0	45.1	51.3	3.4	-	.2	-	-	-
29522	Asphalt and tar coatings, cements, and pitches.....	33	100.0	48.4	42.2	8.2	-	1.2	-	-	-
29523	Asphalt shingles and siding.....	131	100.0	36.3	59.3	4.4	-	-	-	-	-

See footnote at end of table.

TABLE 1. Percent Distribution of Commodities, by Means of Transport: 1967--Continued

TCC code	Commodity	Number	Percent distribution by means of transport								Sampling variability code ¹
			All means of transport	Rail	Motor carrier	Private truck	Air	Water	Other	Unknown	
	TON-MILES OF SHIPMENTS--Continued	(millions of ton-miles)									
299	Miscellaneous petroleum and coal products.....	275	100.0	94.7	5.3	-	-	-	-	-	-
2991	Miscellaneous petroleum and coal products.....	275	100.0	94.7	5.3	-	-	-	-	-	-
30	Rubber and miscellaneous plastics products.....	164	100.0	14.0	65.9	15.8	1.0	0.1	3.2	-	-
30619	Fabricated rubber products, n.e.c.....	4	100.0	.4	80.2	17.4	.3	-	1.6	0.1	-
307	Miscellaneous plastic products.....	113	100.0	17.9	76.6	2.1	1.4	-	2.0	-	-
3071	Miscellaneous plastic products.....	113	100.0	17.9	76.6	2.1	1.4	-	2.0	-	-
30713	Moulded plastic products.....	20	100.0	6.1	80.3	9.2	2.5	-	1.8	.1	-
30718	Plastic closures for bottles, cans, glasses, and jars (bands, caps, covers, discs, or tops).....	25	100.0	28.5	60.2	1.2	3.8	-	6.3	-	-
30719	Fabricated plastics products, n.e.c. (including footwear made wholly of plastic).....	42	100.0	2.0	97.0	-	.2	.1	.7	-	-
31	Leather and leather products.....	15	100.0	14.0	78.7	.3	-	-	7.0	-	-
32	Stone, clay, and glass products.....	596	100.0	58.5	31.7	5.2	-	4.5	.1	-	-
322	Glass and glassware, pressed and blown.....	62	100.0	27.7	68.2	4.1	-	-	-	-	-
3221	Glass containers, caps and covers.....	62	100.0	27.7	68.2	4.1	-	-	-	-	-
325	Structural clay products.....	47	100.0	49.2	50.4	.4	-	-	-	-	-
327	Concrete, gypsum, plaster, and plaster products.....	79	100.0	41.2	58.8	-	-	-	-	-	-
32931	Gaskets, all types.....	7	100.0	.3	90.8	.3	.9	-	7.6	.1	-
33	Primary metal products.....	4,922	100.0	59.6	27.5	2.7	-	10.1	.1	-	-
331	Steel works and rolling mill products..	4,325	100.0	62.2	24.4	2.1	-	11.3	-	-	-
3312	Primary iron and steel products (except coke-oven products).....	4,154	100.0	63.3	22.8	2.1	-	11.8	-	-	-
33123	Sheet and strip, iron and steel (except tin mill products).....	1,581	100.0	54.0	33.8	3.2	-	9.0	-	-	-
33124	Bars, bar shapes, and rods.....	825	100.0	59.0	31.3	3.6	-	6.1	-	-	-
33127	Tin mill products.....	315	100.0	85.8	12.9	1.1	-	-	-	.2	-
3315	Steel wire, nails, and spikes.....	143	100.0	37.4	60.7	1.6	-	-	.3	-	-
33155	Steel wire.....	84	100.0	42.5	54.9	2.0	-	-	.6	-	-
332	Iron and steel castings.....	142	100.0	43.3	45.7	3.9	.1	6.9	.1	-	-
3321	Iron and steel castings.....	142	100.0	43.3	45.7	3.9	.1	6.9	.1	-	-
33219	Iron and steel castings, n.e.c.....	142	100.0	43.3	45.7	3.9	.1	6.9	.1	-	-
333	Nonferrous metals primary smelter products (slab, ingot, pig, etc., and residues).....	141	100.0	35.1	46.2	18.7	-	-	-	-	-
3333	Primary zinc and zinc base alloys smelter products.....	11	100.0	48.5	32.9	18.6	-	-	-	-	-
335	Nonferrous metal basic shapes.....	215	100.0	49.3	46.8	3.3	.3	.1	.2	-	-
3369	Miscellaneous nonferrous metal castings	5	100.0	1.2	94.4	2.4	.4	-	1.6	-	-
33692	Zinc and zinc base alloy castings.....	2	100.0	-	90.8	5.2	.4	-	3.6	-	-
339	Miscellaneous primary metal products...	84	100.0	29.1	64.3	3.1	.2	-	3.2	.1	-
3391	Iron and steel forgings.....	75	100.0	32.4	63.9	3.4	.2	-	.2	-	-
33911	Iron and steel forgings.....	75	100.0	32.4	63.9	3.4	.2	-	.2	-	-

See footnote at end of table.

TABLE 1. Percent Distribution of Commodities, by Means of Transport: 1967--Continued

TCC code	Commodity	Number	Percent distribution by means of transport								Sampling variability code ¹
			All means of transport	Rail	Motor carrier	Private truck	Air	Water	Other	Unknown	
	TON-MILES OF SHIPMENTS--Continued	(millions of ton-miles)									
34	Fabricated metal products.....	1,059	100.0	30.2	60.2	6.4	0.8	0.6	1.5	0.3	-
341	Metal cans.....	138	100.0	61.5	31.9	6.0	-	.1	.1	.4	-
3411	Metal cans.....	138	100.0	61.5	31.9	6.0	-	.1	.1	.4	-
34111	Metal cans.....	138	100.0	61.5	31.9	6.0	-	.1	.1	.4	-
342	Cutlery, hand tools, and general hardware.....	90	100.0	35.1	59.4	.1	.5	.7	4.0	.2	-
3423	Hand and edge tools (except machine tools and hand saws).....	23	100.0	10.0	83.1	.4	-	-	5.9	.6	-
34239	Hand tools, n.e.c. (machine tools and hand saws and blades).....	23	100.0	10.1	83.0	.4	-	-	5.9	.6	-
3429	Miscellaneous hardware.....	25	100.0	8.8	83.3	-	1.6	2.6	3.7	-	-
344	Structural and miscellaneous metal products.....	371	100.0	28.3	64.4	7.1	.1	-	.1	-	-
3441	Structural metal products.....	197	100.0	27.0	68.4	4.4	.1	-	.1	-	-
34411	Structural metal products, iron and steel.....	197	100.0	27.0	68.4	4.4	.1	-	.1	-	-
345	Bolts, nuts, screws, rivets, washers, and other industrial fasteners.....	120	100.0	1.7	82.1	7.2	2.4	-	6.6	-	-
3452	Bolts, nuts, screws, rivets, washers, and other industrial fasteners.....	120	100.0	1.7	82.1	7.2	2.4	-	6.6	-	-
34529	Other industrial fasteners, including dowels, cotter pins, toggle and expansion bolts, etc.....	4	100.0	11.9	80.1	1.6	.4	-	6.0	-	-
346	Metal stampings.....	131	100.0	30.4	59.6	4.8	.1	3.2	.3	1.6	-
3461	Metal stampings.....	131	100.0	30.4	59.6	4.8	.1	3.2	.3	1.6	-
34614	Metal closures.....	76	100.0	36.0	53.2	8.0	-	-	-	2.8	-
34619	Metal stampings, n.e.c.....	22	100.0	5.5	74.4	.6	.5	18.6	.4	-	-
348	Miscellaneous fabricated wire products.	56	100.0	43.0	53.0	3.6	-	-	.4	-	-
3481	Miscellaneous fabricated wire products.	56	100.0	43.0	53.0	3.6	-	-	.4	-	-
349	Miscellaneous fabricated metal products	139	100.0	22.9	62.1	10.5	1.6	.1	2.7	.1	-
3494	Valves and pipe fittings (except plumbers brass goods and fittings)...	45	100.0	16.1	73.4	.8	3.9	.3	5.4	.1	-
34941	Metal valves for piping, plumbing, and heating systems.....	27	100.0	26.0	62.7	1.2	4.3	.5	5.1	.2	-
3499	Fabricated metal products, n.e.c.....	51	100.0	.2	81.2	15.0	.9	.1	2.6	-	-
34999	Fabricated metal products, n.e.c.....	45	100.0	.1	79.4	16.7	.9	-	2.9	-	-
35	Machinery, except electrical.....	794	100.0	33.9	57.8	2.2	.6	4.1	1.1	.3	-
351	Engines and turbines.....	62	100.0	11.3	84.2	1.4	.7	2.4	-	-	-
3519	Miscellaneous internal combustion engines.....	62	100.0	11.3	84.2	1.4	.7	2.4	-	-	-
35119	Internal combustion engines, except aircraft and automotive, n.e.c.....	52	100.0	8.3	89.8	1.7	.1	-	.1	-	-
353	Construction, mining, and materials handling machinery and equipment.....	356	100.0	56.0	32.0	3.4	.1	7.7	.2	.6	-
3531	Construction machinery and equipment...	280	100.0	67.9	18.5	3.2	.1	9.5	-	.8	-
35313	Parts and attachments for tracklaying and contractors' off-highway wheel and tracked tractors.....	26	100.0	77.2	22.8	-	-	-	-	-	-
35314	Power cranes, draglines, shovels, tractor-shovel-loaders and parts.....	20	100.0	78.8	19.7	1.3	-	.2	-	-	-
3532	Mining machinery, equipment, and parts (except oil field machinery and equipment).....	8	100.0	43.5	55.4	-	.3	-	.8	-	-

See footnote at end of table.

TABLE 1. Percent Distribution of Commodities, by Means of Transport: 1967--Continued

TCC code	Commodity	Number	Percent distribution by means of transport								Sampling variability code ¹
			All means of transport	Rail	Motor carrier	Private truck	Air	Water	Other	Unknown	
	TON-MILES OF SHIPMENTS--Continued	(millions of ton-miles)									
3535	Conveyors and conveying equipment (except hoists and farm elevators)....	24	100.0	0.4	90.0	3.2	0.1	3.7	2.6	-	-
35351	Conveyors and conveying equipment and parts, except hoists and farm elevators.....	24	100.0	.4	90.0	3.2	.1	3.7	2.6	-	-
3537	Industrial trucks, tractors, trailers, stackers, and metal skids, pallets, and platforms.....	28	100.0	17.8	73.0	8.3	.5	-	.4	-	-
35371	Industrial trucks, tractors, trailers, and stackers.....	26	100.0	10.5	79.4	9.1	.6	-	.4	-	-
354	Metalworking machinery and equipment...	67	100.0	27.9	67.6	.6	.5	2.2	1.2	-	-
3544	Special dies and tools, die sets, jigs, fixtures, and industrial molds and patterns.....	20	100.0	50.0	48.0	1.8	.1	-	.1	-	-
35441	Special dies and tools, die sets, jigs, and fixtures.....	20	100.0	50.0	48.0	1.8	.1	-	.1	-	-
3545	Machine tool accessories, measuring tools, and measuring devices.....	1	100.0	-	55.6	2.2	6.0	-	36.2	-	-
35451	Small cutting tools for machine tools and metalworking machinery.....	1	100.0	-	55.6	2.2	6.0	-	36.2	-	-
3548	Metalworking machinery (except machine tools).....	19	100.0	40.0	57.8	.1	.5	.4	1.2	-	-
355	Special industry machinery (except metalworking machinery).....	24	100.0	9.1	87.7	.6	1.0	-	1.6	-	-
3559	Miscellaneous special industry machinery.....	7	100.0	10.1	87.5	.1	2.2	-	.1	-	-
356	General industrial machinery and equipment.....	123	100.0	3.4	93.3	.9	.7	.2	1.5	-	-
35611	Industrial pumps, including hydraulic fluid power pumps and motors.....	37	100.0	6.0	89.1	.9	.2	-	3.8	-	-
357	Office, computing, and accounting machines.....	48	100.0	-	88.3	-	.1	4.5	6.3	0.8	-
3579	Miscellaneous office machines.....	35	100.0	-	87.2	-	.2	6.3	5.2	1.1	-
35791	Addressing, dictating, and duplicating machines.....	34	100.0	-	87.2	-	.1	6.4	5.2	1.1	-
358	Service industry machines.....	49	100.0	.4	95.9	.7	.6	-	2.4	-	-
359	Miscellaneous machinery and parts (except electrical).....	17	100.0	24.9	60.8	.6	9.6	-	4.1	-	-
3599	Miscellaneous machinery and parts (except electrical).....	17	100.0	24.9	60.8	.6	9.6	-	4.1	-	-
35999	Machinery and parts, n.e.c. (except electrical).....	16	100.0	26.1	61.5	.6	10.0	-	1.8	-	-
36	Electrical machinery and equipment.....	554	100.0	43.5	43.5	4.8	2.1	1.8	4.3	-	-
361	Electrical transmission and distribution equipment.....	77	100.0	41.7	45.4	11.8	.4	.1	.4	.2	-
3621	Motors and generators.....	1	100.0	8.4	41.4	-	50.2	-	-	-	-
36211	Motors.....	1	100.0	9.2	35.9	-	54.9	-	-	-	-
363	Household appliances.....	137	100.0	70.6	20.0	.8	.1	-	8.5	-	-
364	Electric lighting and wiring equipment.	30	100.0	8.2	84.8	.4	4.0	.1	2.4	.1	-
3642	Lighting fixtures.....	19	100.0	12.2	79.2	.7	5.6	-	2.2	.1	-
365	Radio and television receiving sets (except communication types), phonographs, and phonograph records.....	112	100.0	39.3	57.3	.1	.9	-	2.4	-	-
3651	Radio and television receiving sets (except communication types), and phonographs.....	112	100.0	39.3	57.3	.1	.9	-	2.4	-	-

See footnote at end of table.

TABLE 1. Percent Distribution of Commodities, by Means of Transport: 1967--Continued

TCC code	Commodity	Number	Percent distribution by means of transport								Sampling variability code ¹
			All means of transport	Rail	Motor carrier	Private truck	Air	Water	Other	Unknown	
	TON-MILES OF SHIPMENTS--Continued	(millions of ton-miles)									
36511	Household and automotive radios, radio-phonograph combinations and phonographs.....	52	100.0	33.2	64.1	0.3	1.0	-	1.4	-	-
36512	Household television receivers and television combinations.....	60	100.0	44.5	51.4	-	.8	-	3.3	-	-
3662	Radio and television transmitting, signaling, and detection equipment and apparatus.....	7	100.0	54.2	34.1	-	10.5	-	1.2	-	-
36621	Radio and television transmitting, signaling, and detection equipment and apparatus.....	7	100.0	54.2	34.1	-	10.5	-	1.2	-	-
367	Electronic components or accessories...	68	100.0	30.8	39.3	13.2	1.8	14.2	.7	-	-
3679	Miscellaneous electronic components and accessories.....	38	100.0	18.0	50.7	2.1	2.9	25.1	1.2	-	-
36791	Miscellaneous electronic components and accessories.....	38	100.0	18.0	50.7	2.1	2.9	25.1	1.2	-	-
369	Miscellaneous electrical machinery, equipment, and supplies.....	52	100.0	22.4	47.8	13.6	1.5	-	14.7	-	-
3699	Electrical machinery, equipment, and supplies, n.e.c.....	8	100.0	64.8	34.2	-	.1	-	.9	-	-
36999	Electrical machinery, equipment, and supplies; n.e.c.....	8	100.0	64.8	34.2	-	.1	-	.9	-	-
37	Transportation equipment.....	594	100.0	76.8	22.5	.2	.1	-	.4	-	-
371	Motor vehicles and motor vehicle equipment.....	386	100.0	76.8	22.6	.1	.1	-	.4	-	-
3741	Motor vehicle parts and accessories....	327	100.0	78.1	21.3	-	.1	-	.5	-	-
374	Railroad equipment.....	199	100.0	80.0	19.4	.2	.2	-	.2	-	-
3742	Railroad and street cars.....	160	100.0	81.8	17.7	.2	-	-	.3	-	-
37428	Parts and accessories for railroad and street cars, except wheels.....	109	100.0	85.3	13.9	.3	.1	-	.4	-	-
38	Instruments, photographic goods, optical goods, watches, and clocks....	53	100.0	8.8	81.4	.5	1.5	1.4	6.3	0.1	-
382	Measuring, controlling, and indicating instruments.....	18	100.0	13.5	74.2	1.2	2.5	-	8.4	.2	-
386	Photographic equipment and supplies....	19	100.0	1.6	88.8	.1	1.0	2.7	5.8	-	-
3861	Photographic equipment and supplies....	19	100.0	1.6	88.8	.1	1.0	2.7	5.8	-	-
39	Miscellaneous products of manufacturing	172	100.0	8.3	70.4	18.8	.4	.2	1.6	.1	-
3999	Manufactured products, n.e.c.....	12	100.0	42.8	50.5	1.4	.1	-	4.3	.9	-

¹Code letter indicates a sampling variability range as follows: a, 0-9 percent; b, 10-19 percent; c, 20-29 percent; and d, 30-50 percent. The variability for ton-miles has not been estimated.

TABLE 2. Percent Distribution of Commodities, by Distance of Shipment: 1967

TCC code	Commodity	Number	Percent distribution by distance of shipment								Sampling variability code ¹
			All distances	Under 100 miles	100 to 199 miles	200 to 299 miles	300 to 499 miles	500 to 999 miles	1,000 to 1,499 miles	1,500 miles or over	
	TONS OF SHIPMENTS	(thousands of tons)									
	Production Area 15, total.....	62,233	100.0	39.2	17.9	13.8	12.5	13.0	0.8	2.8	-
20	Food and kindred products.....	7,364	100.0	12.3	15.3	18.6	19.2	28.4	2.0	4.2	b
201	Meat, poultry, and small game; fresh, chilled or frozen.....	495	100.0	11.5	31.5	8.8	12.0	26.5	1.1	8.6	c
2012	Meat, fresh frozen.....	23	100.0	1.7	13.0	11.9	49.8	22.4	.9	.3	d
2013	Meat products.....	214	100.0	11.5	15.5	8.7	16.5	26.4	2.4	19.0	d
20132	Meats and sausage, cooked, cured, dried, smoked, or salted.....	77	100.0	3.7	28.9	14.0	11.8	29.2	4.0	8.4	c
203	Canned and preserved fruits, vegetables, and seafoods.....	1,330	100.0	10.7	18.9	22.5	25.1	17.2	1.2	4.4	b
2033	Canned fruits and vegetables.....	268	100.0	7.4	11.3	10.3	39.2	27.5	2.4	1.9	d
2037	Frozen fruits, vegetables, fruit juices, and specialties.....	190	100.0	17.0	16.5	14.5	11.3	20.0	2.0	18.7	d
20374	Frozen prepared food and soups (except seafoods).....	171	100.0	15.5	16.0	15.6	9.3	20.7	2.2	20.7	d
204	Grain mill products.....	2,676	100.0	10.8	16.8	18.6	17.9	32.3	1.8	1.8	d
2042	Prepared feed for animals, fish, and fowls (except hay, straw, or related products).....	578	100.0	3.8	13.2	17.5	23.0	38.5	3.9	.1	d
20421	Prepared feed for animals, fish, or fowls (except canned).....	392	100.0	3.8	14.1	15.9	24.1	40.7	1.3	.1	d
207	Confectionery and related products.....	927	100.0	7.7	5.8	11.4	23.3	43.0	3.6	5.2	b
2071	Confectionery and related products.....	927	100.0	7.7	5.8	11.4	23.3	43.0	3.6	5.2	b
20711	Candy (bars, bulk, packaged).....	537	100.0	6.4	6.5	12.4	26.4	35.2	5.0	8.1	b
20719	Confectionery and related products, n.e.c.....	182	100.0	17.3	5.6	12.7	31.9	28.0	2.2	2.3	d
208	Beverages and flavoring extracts.....	879	100.0	23.2	15.7	11.7	11.9	24.4	4.4	8.7	d
209	Miscellaneous food preparations and kindred products.....	933	100.0	13.3	7.4	29.6	19.6	25.1	1.0	4.0	d
2099	Miscellaneous food preparations.....	187	100.0	13.2	3.2	25.8	14.7	25.0	.6	17.5	d
20999	Food preparations, n.e.c.....	98	100.0	1.7	3.3	35.6	14.8	21.1	1.0	22.5	d
23	Apparel, including knit apparel, and other finished textile products.....	54	100.0	56.5	5.0	9.6	9.9	14.3	1.9	2.8	d
24	Lumber and wood products, except furniture.....	77	100.0	44.5	7.9	13.3	9.3	20.6	2.6	1.8	d
25	Furniture and fixtures.....	432	100.0	23.2	11.8	12.0	15.5	29.4	3.7	4.4	b
251	Household and office furniture.....	265	100.0	26.4	16.6	13.6	11.5	24.2	2.9	4.8	d
2511	Chairs, rockers, benches, and stools...	18	100.0	16.8	8.4	11.4	6.9	15.0	6.1	35.4	d
25111	Chairs, rockers, benches, and stools, not upholstered.....	18	100.0	16.8	8.4	11.4	6.9	15.0	6.1	35.4	d
2512	Tables or desks.....	43	100.0	7.1	3.9	4.2	25.3	52.9	3.2	3.1	d
25121	Tables or desks.....	43	100.0	7.1	3.9	4.2	25.3	52.9	3.2	3.1	d
2517	Cabinets and cases.....	56	100.0	27.8	2.3	16.4	10.2	27.2	8.5	7.6	d
254	Partitions, shelving, lockers, and office and store fixtures.....	130	100.0	22.7	4.0	10.1	14.6	37.8	6.5	4.3	d
2542	Metal partitions, shelving, lockers, and office and store fixtures.....	129	100.0	22.6	3.8	10.1	14.6	38.1	6.5	4.3	d
25421	Partitions.....	129	100.0	22.6	3.8	10.1	14.6	38.1	6.5	4.3	d
259	Miscellaneous furniture and fixtures...	35	100.0	1.5	5.0	6.2	47.7	37.5	.1	2.0	c

See footnote at end of table.

TABLE 2. Percent Distribution of Commodities, by Distance of Shipment: 1967--Continued

TCC code	Commodity	Number	Percent distribution by distance of shipment								Sampling variability code ¹
			All distances	Under 100 miles	100 to 199 miles	200 to 299 miles	300 to 499 miles	500 to 999 miles	1,000 to 1,499 miles	1,500 miles or over	
	TONS OF SHIPMENTS--Con.	(thousands of tons)									
26	Pulp, paper, and allied products.....	1,883	100.0	50.1	15.2	10.0	8.5	11.6	0.6	4.0	b
26219	Paper, n.e.c.....	32	100.0	7.2	3.6	18.7	23.3	36.7	2.2	8.3	c
264	Converted paper and paperboard products (except containers and boxes).....	562	100.0	28.2	17.2	11.4	11.4	25.6	1.6	4.6	c
2642	Envelopes (except stationery).....	65	100.0	18.6	22.1	9.5	20.7	23.2	.7	5.2	d
26421	Envelopes (except stationery).....	65	100.0	18.6	22.1	9.5	20.7	23.2	.7	5.2	d
26451	Office supplies.....	57	100.0	24.9	10.5	12.1	9.5	31.2	4.0	7.8	d
2649	Miscellaneous converted paper products and paperboard products.....	166	100.0	17.7	13.2	19.0	11.5	30.8	1.8	6.0	d
265	Containers, boxes and related products, paperboard, fiberboard, and pulpboard.	950	100.0	68.8	11.6	8.5	5.7	3.7	-	1.7	c
2651	Containers, boxes, baskets, pallets and skids, paperboard, fiberboard, and pulpboard.....	757	100.0	76.2	8.5	9.2	2.9	2.7	-	.5	d
26511	Containers and boxes, paperboard, fiberboard, and pulpboard.....	756	100.0	76.3	8.4	9.2	2.9	2.7	-	.5	d
2654	Sanitary food containers.....	131	100.0	39.8	23.5	6.1	11.3	9.3	.3	9.7	d
28	Chemicals and allied products.....	7,069	100.0	26.3	16.7	20.6	16.7	15.5	.6	3.6	b
281	Industrial chemicals.....	3,162	100.0	30.7	17.4	18.6	18.5	11.7	.1	3.0	b
2812	Basic inorganic chemical compounds (including chlorine, potassium, and sodium compounds).....	598	100.0	34.2	8.0	33.4	4.8	16.6	.2	2.8	c
28123	Sodium compounds (except sodium alkalis).....	379	100.0	27.4	5.8	42.8	7.0	13.3	.3	3.4	c
2818	Miscellaneous industrial organic chemicals.....	403	100.0	33.8	20.1	16.6	12.4	16.3	-	.8	c
28185	Glycols and glycerins.....	74	100.0	25.3	17.6	29.6	6.6	20.9	-	-	d
2819	Miscellaneous industrial inorganic chemicals.....	881	100.0	44.4	38.4	8.4	7.0	1.7	.1	-	d
28199	Industrial inorganic chemicals, n.e.c. (including reagent and high purity chemicals).....	20	100.0	33.5	.9	23.6	5.8	31.7	4.0	.5	d
282	Plastic materials and plasticizers, synthetic resins, rubbers, and fibers.	398	100.0	22.4	13.2	22.1	22.7	15.4	.3	3.9	d
2821	Plastic materials and plasticizers, synthetic resins, rubbers, and fibers.	398	100.0	22.4	13.2	22.1	22.7	15.4	.3	3.9	d
28211	Plastic materials and plasticizers, synthetic resins, and nonvulcanizable elastomers.....	396	100.0	22.4	13.2	22.2	22.7	15.3	.3	3.9	d
284	Soap and detergents, cleaning preparations, perfumes, cosmetics, and other toilet preparations.....	1,002	100.0	11.3	12.8	24.7	22.0	20.7	1.5	7.0	b
2841	Soap and other detergents (except specialty cleansers).....	586	100.0	8.6	16.0	27.8	20.4	18.5	.1	8.6	b
28419	Soap or detergents, n.e.c. (except synthetic organic detergents and specialty cleansers).....	458	100.0	10.1	12.2	27.3	18.8	20.5	.1	11.0	b
2842	Specialty cleaning, polishing, and sanitation preparations (except soap and detergents).....	260	100.0	20.2	10.2	17.0	22.9	24.0	4.2	1.5	d
2844	Perfumes, cosmetics, and other toilet preparations.....	122	100.0	7.7	5.2	18.9	25.5	27.2	2.3	13.2	b
28441	Perfumes, cosmetics, and other toilet preparations.....	122	100.0	7.7	5.2	18.9	25.5	27.2	2.3	13.2	b

See footnote at end of table.

TABLE 2. Percent Distribution of Commodities, by Distance of Shipment: 1967--Continued

TCC code	Commodity	Number	Percent distribution by distance of shipment								Sampling variability code ¹
			All distances	Under 100 miles	100 to 199 miles	200 to 299 miles	300 to 499 miles	500 to 999 miles	1,000 to 1,499 miles	1,500 miles or over	
	TONS OF SHIPMENTS--Con.	(thousands of tons)									
285	Paints, varnishes, lacquers, enamels, and allied products.....	489	100.0	28.7	19.9	15.7	12.7	17.0	1.2	4.8	b
2851	Paints, varnishes, lacquers, enamels, and allied products.....	489	100.0	28.7	19.9	15.7	12.7	17.0	1.2	4.8	b
28511	Paints, varnishes, lacquers, enamels, and shellacs.....	349	100.0	24.7	18.8	16.2	12.4	20.2	1.6	6.1	b
28512	Solvents, thinners, paint oils and driers, and related products.....	73	100.0	39.5	24.8	21.3	8.7	4.9	-	.8	c
28519	Paints, varnishes, lacquers, shellacs, enamels, and allied products, n.e.c. (including mixed shipments).....	64	100.0	39.8	20.1	4.7	18.7	13.8	.7	2.2	d
29	Petroleum and coal products.....	12,139	100.0	61.2	18.8	7.7	8.1	3.3	.1	.8	b
291	Products of petroleum refining.....	9,920	100.0	68.0	18.4	4.3	7.4	1.1	-	.8	c
2911	Products of petroleum refining (except liquefied petroleum gases and petroleum coke and breeze).....	9,862	100.0	68.2	18.3	4.4	7.4	.9	-	.8	c
29111	Gasoline, jet fuels, and other high volatile petroleum fuels (except natural gasoline).....	3,028	100.0	70.0	13.0	.1	16.9	-	-	-	c
29112	Kerosene.....	47	100.0	91.2	.6	.8	-	3.4	.8	3.2	d
29113	Distillate fuel oil.....	1,613	100.0	68.5	31.2	.3	-	-	-	-	c
29114	Lubricating oils and similar light oils and derivatives.....	823	100.0	16.3	20.0	26.8	21.3	10.0	-	5.6	c
29115	Lubricating greases.....	82	100.0	11.2	9.2	35.4	43.8	.2	.2	-	d
29116	Petroleum asphalt, tar, and pitches (including coke-oven and coal tar).....	862	100.0	61.5	17.6	17.3	.4	-	-	3.2	c
29119	Products of petroleum refining, n.e.c....	83	100.0	41.5	23.8	18.1	5.5	7.0	4.0	.1	c
2912	Liquefied petroleum and coal gases.....	58	100.0	30.4	31.0	-	2.0	36.6	-	-	d
29121	Liquefied petroleum and coal gases.....	58	100.0	30.4	31.0	-	2.0	36.6	-	-	d
295	Paving and roofing materials.....	1,628	100.0	36.7	24.7	22.6	10.6	5.0	.3	.1	a
2951	Paving mixtures and blocks.....	386	100.0	55.2	33.8	2.0	4.8	4.1	.1	-	b
29511	Paving mixtures and blocks.....	386	100.0	55.2	33.8	2.0	4.8	4.1	.1	-	b
2952	Asphalt felt and coatings.....	1,243	100.0	31.0	21.9	29.0	12.4	5.3	.3	.1	a
29522	Asphalt and tar coatings, cements, and pitches.....	219	100.0	64.4	4.5	14.4	10.4	4.6	1.7	-	b
29523	Asphalt shingles and siding.....	722	100.0	28.1	27.8	29.7	12.8	1.6	-	-	a
299	Miscellaneous petroleum and coal products.....	591	100.0	14.2	8.7	24.0	13.0	34.9	.9	4.3	a
2991	Miscellaneous petroleum and coal products.....	591	100.0	14.2	8.7	24.0	13.0	34.9	.9	4.3	a
30	Rubber and miscellaneous plastics products.....	353	100.0	22.8	11.7	13.2	16.2	25.3	4.0	6.8	b
30619	Fabricated rubber products, n.e.c.....	10	100.0	11.7	21.4	25.0	20.6	16.2	1.8	3.3	c
307	Miscellaneous plastic products.....	251	100.0	29.1	8.3	12.5	16.7	22.0	3.8	7.6	b
3071	Miscellaneous plastic products.....	251	100.0	29.1	8.3	12.5	16.7	22.0	3.8	7.6	b
30713	Moulded plastic products.....	45	100.0	29.2	5.2	20.8	13.5	19.5	5.1	6.7	c
30718	Plastic closures for bottles, cans, glasses, and jars (bands, caps, covers, discs, or tops).....	84	100.0	49.0	14.3	10.0	4.2	15.4	1.7	5.4	c
30719	Fabricated plastics products, n.e.c. (including footwear made wholly of plastic).....	60	100.0	8.7	4.9	13.2	12.2	38.3	9.5	13.2	c
31	Leather and leather products.....	25	100.0	12.4	4.8	13.5	7.9	54.5	1.9	5.0	c
32	Stone, clay, and glass products.....	3,893	100.0	55.3	22.0	6.8	8.9	6.1	.3	.6	c
322	Glass and glassware, pressed and blown..	334	100.0	17.8	60.3	9.7	3.4	8.3	-	.5	c
3221	Glass containers, caps and covers.....	334	100.0	17.8	60.3	9.7	3.4	8.3	-	.5	c

See footnote at end of table.

TABLE 2. Percent Distribution of Commodities, by Distance of Shipment: 1967--Continued

TCC code	Commodity	Number	Percent distribution by distance of shipment								Sampling variability code ¹
			All distances	Under 100 miles	100 to 199 miles	200 to 299 miles	300 to 499 miles	500 to 999 miles	1,000 to 1,499 miles	1,500 miles or over	
	TONS OF SHIPMENTS--Con.	(thousands of tons)									
325	Structural clay products.....	241	100.0	50.5	14.7	17.0	7.3	8.5	1.6	0.4	d
327	Concrete, gypsum, plaster, and plaster products.....	504	100.0	57.9	10.9	9.8	15.3	6.1	-	-	d
32931	Gaskets, all types.....	15	100.0	15.0	8.9	29.0	11.4	23.1	4.6	8.0	c
33	Primary metal products.....	20,926	100.0	41.7	19.8	14.7	11.8	9.7	.2	2.1	a
331	Steel works and rolling mill products..	18,753	100.0	41.8	20.2	14.8	11.7	9.3	.2	2.0	a
3312	Primary iron and steel products (except coke-oven products).....	17,335	100.0	38.9	21.5	15.5	12.2	9.5	.2	2.2	a
33123	Sheet and strip, iron and steel (except tin mill products).....	7,864	100.0	35.9	28.8	18.8	8.4	6.9	-	1.2	a
33124	Bars, bar shapes, and rods.....	3,723	100.0	41.1	16.3	17.3	16.0	8.1	-	1.2	b
33127	Tin mill products.....	1,365	100.0	55.7	19.6	4.2	7.9	8.4	-	4.2	b
3315	Steel wire, nails, and spikes.....	471	100.0	34.2	12.8	11.8	15.9	23.1	2.0	.2	c
33155	Steel wire.....	309	100.0	36.5	16.5	13.7	13.9	17.6	1.6	.2	c
332	Iron and steel castings.....	840	100.0	66.1	12.2	7.5	7.1	5.9	.1	1.1	d
3321	Iron and steel castings.....	840	100.0	66.1	12.2	7.5	7.1	5.9	.1	1.1	d
33219	Iron and steel castings, n.e.c.....	840	100.0	66.1	12.2	7.5	7.1	5.9	.1	1.1	d
333	Nonferrous metals primary smelter products (slab, ingot, pig, etc., and residues).....	499	100.0	30.6	19.3	19.6	13.8	14.4	-	2.3	d
3333	Primary zinc and zinc base alloys smelter products.....	40	100.0	20.7	9.2	21.8	31.9	16.4	-	-	d
335	Nonferrous metal basic shapes.....	405	100.0	15.5	8.4	17.6	17.9	28.4	1.8	10.4	c
3369	Miscellaneous nonferrous metal castings	20	100.0	28.0	24.3	9.6	20.5	16.9	.1	.6	d
33692	Zinc and zinc base alloy castings.....	10	100.0	24.8	45.1	3.7	11.5	13.8	-	1.1	d
339	Miscellaneous primary metal products...	367	100.0	25.2	32.9	17.0	16.0	7.7	-	1.2	c
3391	Iron and steel forgings.....	350	100.0	25.3	34.0	17.0	16.6	6.3	-	.8	c
33911	Iron and steel forgings.....	350	100.0	25.3	34.0	17.0	16.6	6.3	-	.8	c
34	Fabricated metal products.....	3,131	100.0	30.8	16.9	14.4	15.3	17.4	1.9	3.3	b
341	Metal cans.....	460	100.0	32.7	12.7	16.2	22.1	13.5	.4	2.4	a
3411	Metal cans.....	460	100.0	32.7	12.7	16.2	22.1	13.5	.4	2.4	a
34111	Metal cans.....	460	100.0	32.7	12.7	16.2	22.1	13.5	.4	2.4	a
342	Cutlery, hand tools, and general hardware.....	152	100.0	20.6	6.6	12.6	19.1	22.5	1.5	17.1	d
3423	Hand and edge tools (except machine tools and hand saws).....	52	100.0	15.6	4.7	16.1	33.2	21.4	3.1	5.9	d
34239	Hand tools, n.e.c. (machine tools and hand saws and blades).....	52	100.0	15.6	4.7	16.1	33.4	21.2	3.1	5.9	d
3429	Miscellaneous hardware.....	51	100.0	34.2	2.0	12.8	9.0	31.9	.5	9.6	d
344	Structural and miscellaneous metal products.....	1,202	100.0	36.0	20.0	9.7	13.4	16.4	2.7	1.8	d
3441	Structural metal products.....	489	100.0	33.0	14.3	8.6	13.9	22.3	3.7	4.2	d
34411	Structural metal products, iron and steel.....	489	100.0	33.0	14.3	8.6	13.9	22.3	3.7	4.2	d
345	Bolts, nuts, screws, rivets, washers, and other industrial fasteners.....	406	100.0	22.3	20.6	25.8	13.5	16.0	.1	1.7	d
3452	Bolts, nuts, screws, rivets, washers, and other industrial fasteners.....	406	100.0	22.3	20.6	25.8	13.5	16.0	.1	1.7	d
34529	Other industrial fasteners, including dowels, cotter pins, toggle and expansion bolts, etc.....	12	100.0	34.8	9.4	7.2	18.2	26.9	.4	3.1	d

See footnote at end of table.

TABLE 2. Percent Distribution of Commodities, by Distance of Shipment: 1967--Continued

TCC code	Commodity	Number	Percent distribution by distance of shipment								Sampling variability code ¹
			All distances	Under 100 miles	100 to 199 miles	200 to 299 miles	300 to 499 miles	500 to 999 miles	1,000 to 1,499 miles	1,500 miles or over	
	TONS OF SHIPMENTS--Con.	(thousands of tons)									
346	Metal stampings.....	287	100.0	14.4	19.4	21.5	13.0	21.3	3.1	7.3	b
3461	Metal stampings.....	287	100.0	14.4	19.4	21.5	13.0	21.3	3.1	7.3	b
34614	Metal closures.....	139	100.0	11.4	8.5	19.8	18.2	28.1	5.1	8.9	d
34619	Metal stampings, n.e.c.....	42	100.0	15.9	15.0	16.8	18.4	25.0	1.8	7.1	d
348	Miscellaneous fabricated wire products.	123	100.0	17.0	13.0	10.0	19.6	34.6	5.3	.5	b
3481	Miscellaneous fabricated wire products.	123	100.0	17.0	13.0	10.0	19.6	34.6	5.3	.5	b
349	Miscellaneous fabricated metal products	476	100.0	40.3	13.2	12.9	13.9	15.9	1.4	2.4	d
3494	Valves and pipe fittings (except plumbers' brass goods and fittings)...	76	100.0	16.2	8.5	13.2	11.9	37.4	4.3	8.5	d
34941	Metal valves for piping, plumbing, and heating systems.....	36	100.0	3.6	2.5	15.6	11.4	49.3	7.2	10.4	d
3499	Fabricated metal products, n.e.c.....	169	100.0	44.3	8.2	10.3	12.7	21.0	.6	2.9	d
34999	Fabricated metal products, n.e.c.....	153	100.0	43.7	8.8	11.2	12.6	20.4	.6	2.7	d
35	Machinery, except electrical.....	1,533	100.0	23.9	11.7	10.1	9.7	33.7	3.6	7.3	a
351	Engines and turbines.....	255	100.0	36.5	35.0	7.0	4.5	13.5	2.5	1.0	a
3519	Miscellaneous internal combustion engines.....	255	100.0	36.5	35.0	7.0	4.5	13.5	2.5	1.0	a
35199	Internal combustion engines, except aircraft and automotive, n.e.c.....	244	100.0	38.0	36.4	7.1	4.2	11.4	2.2	.7	b
353	Construction, mining, and materials handling machinery and equipment.....	616	100.0	20.6	5.1	9.3	13.0	41.7	4.7	5.6	c
3531	Construction machinery and equipment...	460	100.0	22.6	5.5	7.3	7.5	45.3	5.1	6.7	c
35313	Parts and attachments for tracklaying and contractors' off-highway wheel and tracted tractors.....	40	100.0	12.7	19.3	.9	7.9	41.4	4.9	12.9	c
35314	Power cranes, draglines, shovels, tractor-shovel-loaders and parts.....	22	100.0	2.6	1.6	14.1	1.0	51.3	.2	29.2	d
3532	Mining machinery, equipment, and parts (except oil field machinery and equipment).....	15	100.0	20.2	.2	4.9	12.9	61.2	.5	.1	d
3535	Conveyors and conveying equipment (except hoists and farm elevators)....	46	100.0	19.1	10.6	17.4	17.0	20.5	10.8	4.6	c
35351	Conveyors and conveying equipment and parts, except hoists and farm elevators.....	46	100.0	19.1	10.6	17.4	17.0	20.5	10.8	4.6	c
3537	Industrial trucks, tractors, trailers, stackers, and metal skids, pallets, and platforms.....	53	100.0	11.5	2.3	23.6	9.5	49.5	.9	2.7	b
35371	Industrial trucks, tractors, trailers, and stackers.....	50	100.0	12.2	2.4	25.0	10.0	46.7	.9	2.8	b
354	Metalworking machinery and equipment...	120	100.0	24.8	9.8	11.9	7.9	32.2	1.5	11.9	c
3544	Special dies and tools, die sets, jigs, fixtures, and industrial molds and patterns.....	51	100.0	38.6	3.0	14.1	8.0	31.7	.2	4.4	c
35441	Special dies and tools, die sets, jigs, and fixtures.....	51	100.0	38.6	3.0	14.1	8.0	31.7	.2	4.4	c
3545	Machine tool accessories, measuring tools, and measuring devices.....	2	100.0	12.2	23.0	14.2	10.6	29.4	2.3	8.3	c
35451	Small cutting tools for machine tools and metalworking machinery.....	2	100.0	12.2	23.0	14.2	10.6	29.4	2.3	8.3	c
3548	Metalworking machinery (except machine tools).....	31	100.0	24.5	15.5	6.3	9.0	24.8	4.5	15.7	c
355	Special industry machinery (except metalworking machinery).....	44	100.0	16.8	8.9	20.2	10.4	32.2	2.7	8.8	c
3559	Miscellaneous special industry machinery.....	14	100.0	5.8	15.5	21.9	16.3	35.2	.5	4.8	c

See footnote at end of table.

TABLE 2. Percent Distribution of Commodities, by Distance of Shipment: 1967--Continued

TCC code	Commodity	Number	Percent distribution by distance of shipment								Sampling variability code ¹
			All distances	Under 100 miles	100 to 199 miles	200 to 299 miles	300 to 499 miles	500 to 999 miles	1,000 to 1,499 miles	1,500 miles or over	
	TONS OF SHIPMENTS--Con.	(thousands of tons)									
356	General industrial machinery and equipment.....	234	100.0	24.2	8.3	14.0	7.9	32.9	2.9	9.8	d
35611	Industrial pumps, including hydraulic fluid power pumps and motors.....	64	100.0	8.1	7.1	13.2	12.3	50.0	6.3	3.0	d
357	Office, computing, and accounting machines.....	53	100.0	5.2	2.6	10.6	12.1	40.9	2.2	26.4	d
3579	Miscellaneous office machines.....	36	100.0	1.6	2.8	12.9	9.5	43.6	2.2	27.4	d
35791	Addressing, dictating, and duplicating machines.....	36	100.0	1.6	2.8	12.9	9.4	43.7	2.0	27.6	d
358	Service industry machines.....	60	100.0	3.3	3.4	13.1	8.0	46.2	8.5	17.5	d
359	Miscellaneous machinery and parts (except electrical).....	34	100.0	13.5	12.3	19.3	10.5	34.3	3.7	6.4	b
3599	Miscellaneous machinery and parts (except electrical).....	34	100.0	13.5	12.3	19.3	10.5	34.3	3.7	6.4	b
35999	Machinery and parts, n.e.c. (except electrical).....	33	100.0	13.2	12.5	19.9	9.7	34.6	3.6	6.5	c
36	Electrical machinery and equipment.....	902	100.0	15.1	6.3	11.7	14.8	35.2	6.4	10.5	a
361	Electrical transmission and distribution equipment.....	97	100.0	3.1	.9	12.1	11.0	51.1	3.8	18.0	c
3621	Motors and generators.....	1	100.0	10.4	1.5	20.1	15.1	39.7	-	13.2	d
36211	Motors.....	1	100.0	7.2	.2	4.1	20.1	49.7	-	18.7	d
363	Household appliances.....	207	100.0	9.7	4.7	10.3	13.7	44.4	10.3	6.9	a
364	Electric lighting and wiring equipment.....	65	100.0	12.2	13.2	20.2	26.7	18.0	3.1	6.6	c
3642	Lighting fixtures.....	35	100.0	10.0	7.7	15.7	28.9	23.5	5.0	9.2	d
365	Radio and television receiving sets (except communication types), phonographs, and phonograph records.....	167	100.0	8.0	5.8	6.4	12.9	50.2	8.6	8.1	b
3651	Radio and television receiving sets (except communication types), and phonographs.....	167	100.0	8.0	5.8	6.4	12.9	50.2	8.6	8.1	b
36511	Household and automotive radios, radio-phonograph combinations, and phonographs.....	83	100.0	5.6	10.1	3.8	10.6	59.1	5.2	5.6	c
36512	Household television receivers and television combinations.....	84	100.0	10.4	1.5	8.9	15.2	41.6	11.9	10.5	b
3662	Radio and television transmitting, signaling, and detection equipment and apparatus.....	7	100.0	3.3	2.0	6.6	8.6	40.1	12.5	26.9	d
36621	Radio and television transmitting, signaling, and detection equipment and apparatus.....	7	100.0	3.3	2.0	6.6	8.6	40.1	12.5	26.9	d
367	Electronic components or accessories...	111	100.0	27.5	5.1	5.3	15.2	22.7	8.5	15.7	a
3679	Miscellaneous electronic components and accessories.....	52	100.0	29.0	9.8	1.9	6.8	16.0	11.0	25.5	c
36791	Miscellaneous electronic components and accessories.....	52	100.0	29.0	9.8	1.9	6.8	16.0	11.0	25.5	c
369	Miscellaneous electrical machinery, equipment, and supplies.....	133	100.0	33.1	15.1	12.2	9.0	22.0	3.2	5.4	d
3699	Electrical machinery, equipment, and supplies, n.e.c.....	10	100.0	2.5	.2	3.1	19.9	52.3	20.1	1.9	d
36999	Electrical machinery, equipment, and supplies, n.e.c.....	10	100.0	2.5	.2	3.1	19.9	52.3	20.1	1.9	d

See footnote at end of table.

TABLE 2. Percent Distribution of Commodities, by Distance of Shipment: 1967--Continued

TCC code	Commodity	Number	Percent distribution by distance of shipment								Sampling variability code ¹
			All distances	Under 100 miles	100 to 199 miles	200 to 299 miles	300 to 499 miles	500 to 999 miles	1,000 to 1,499 miles	1,500 miles or over	
	TONS OF SHIPMENTS--Con.	(thousands of tons)									
37	Transportation equipment.....	1,457	100.0	16.5	15.6	24.6	18.7	16.5	0.7	7.4	b
371	Motor vehicles and motor vehicle equipment.....	941	100.0	9.6	20.2	31.3	14.2	17.0	.7	7.0	b
3714	Motor vehicle parts and accessories....	749	100.0	6.1	17.8	34.9	13.7	19.4	.6	7.5	b
374	Railroad equipment.....	493	100.0	28.0	7.3	12.9	27.9	15.0	.6	8.3	d
3742	Railroad and street cars.....	446	100.0	30.7	7.6	12.6	30.4	11.6	.6	6.5	d
37428	Parts and accessories for railroad and street cars, except wheels.....	246	100.0	32.5	4.0	10.6	24.2	16.5	1.1	11.1	d
38	Instruments, photographic goods, optical goods, watches, and clocks....	94	100.0	8.3	9.7	20.1	17.4	31.8	3.5	9.2	b
382	Measuring, controlling, and indicating instruments.....	29	100.0	5.4	13.1	19.2	14.6	29.6	7.2	10.9	d
386	Photographic equipment and supplies....	33	100.0	10.1	8.5	17.9	7.9	45.2	1.2	9.2	d
3861	Photographic equipment and supplies....	33	100.0	10.1	8.5	17.9	7.9	45.2	1.2	9.2	d
39	Miscellaneous products of manufacturing	262	100.0	16.1	6.8	9.6	12.1	36.4	6.3	12.7	d
3999	Manufactured products, n.e.c.....	22	100.0	34.6	3.8	6.2	10.5	27.3	1.9	15.7	d
	TON-MILES OF SHIPMENTS	(millions of ton-miles)									
	Production Area 15, total.....	17,103	100.0	5.1	9.3	12.2	17.6	33.8	3.6	18.4	-
20	Food and kindred products.....	3,330	100.0	1.2	4.8	10.5	16.8	43.9	5.4	17.4	-
201	Meat, poultry, and small game; fresh, chilled or frozen.....	255	100.0	1.2	8.5	4.1	9.4	36.2	2.5	38.1	-
2012	Meat, fresh frozen.....	10	100.0	.3	4.7	7.6	44.3	39.0	2.7	1.4	-
2013	Meat products.....	165	100.0	.7	2.8	2.8	9.1	23.9	3.5	57.2	-
20132	Meats and sausage, cooked, cured, dried, smoked, or salted.....	39	100.0	.4	7.6	6.6	8.8	39.6	8.3	28.7	-
203	Canned and preserved fruits, vegetables, and seafoods.....	527	100.0	1.0	6.9	14.6	24.4	30.9	3.4	18.8	-
2033	Canned fruits and vegetables.....	121	100.0	.5	3.8	5.7	34.1	41.9	6.7	7.3	-
2037	Frozen fruits, vegetables, fruit juices, and specialties.....	112	100.0	1.0	3.6	6.1	7.0	24.1	3.8	54.4	-
20374	Frozen prepared food and soups (except seafoods).....	107	100.0	1.0	3.2	6.2	5.4	23.6	3.8	56.8	-
204	Grain mill products.....	1,141	100.0	1.1	5.4	11.1	16.9	53.0	5.0	7.5	-
2042	Prepared feed for animals, fish, and fowls (except hay, straw, or related products).....	276	100.0	.4	3.8	9.1	18.9	57.3	10.2	.3	-
20421	Prepared feed for animals, fish, or fowls (except canned).....	181	100.0	.5	4.2	8.6	20.2	62.2	3.9	.4	-
207	Confectionery and related products....	529	100.0	.5	1.6	5.1	16.3	52.1	7.7	16.7	-
2071	Confectionery and related products....	529	100.0	.5	1.6	5.1	16.3	52.1	7.7	16.7	-
20711	Candy (bars, bulk, packaged).....	324	100.0	.4	1.7	5.3	17.1	40.7	10.1	24.7	-
20719	Confectionery and related products, n.e.c.....	83	100.0	1.1	1.8	7.0	29.7	45.7	5.8	8.0	-
208	Beverages and flavoring extracts.....	445	100.0	1.8	4.5	5.7	9.1	36.6	10.2	32.1	-
209	Miscellaneous food preparations and kindred products.....	398	100.0	1.7	2.7	17.8	17.6	40.5	2.8	16.9	-
2099	Miscellaneous food preparations.....	121	100.0	.7	.7	10.3	9.4	28.8	1.2	48.9	-
20999	Food preparations, n.e.c.....	72	100.0	.1	.7	12.4	8.6	20.7	1.7	55.8	-

See footnote at end of table.

TABLE 2. Percent Distribution of Commodities, by Distance of Shipment: 1967--Continued

TCC code	Commodity	Number	Percent distribution by distance of shipment								Sampling variability code ¹
			All distances	Under 100 miles	100 to 199 miles	200 to 299 miles	300 to 499 miles	500 to 999 miles	1,000 to 1,499 miles	1,500 miles or over	
	TON-MILES OF SHIPMENTS--Con.	(millions of ton-miles)									
23	Apparel, including knit apparel, and other finished textile products.....	15	100.0	12.9	2.4	8.4	13.5	36.3	7.7	18.8	-
24	Lumber and wood products, except furniture.....	25	100.0	5.6	3.8	10.2	11.4	44.1	10.0	14.9	-
25	Furniture and fixtures.....	193	100.0	2.6	3.8	6.6	13.0	47.1	10.0	16.9	-
251	Household and office furniture.....	107	100.0	2.8	5.9	8.2	10.9	43.2	8.6	20.4	-
2511	Chairs, rockers, benches, and stools...	16	100.0	.9	1.4	3.2	3.1	12.9	8.5	70.0	-
25111	Chairs, rockers, benches, and stools, not upholstered.....	16	100.0	.9	1.4	3.2	3.1	12.9	8.5	70.0	-
2512	Tables or desks.....	27	100.0	.6	1.0	1.7	16.0	64.5	6.6	9.6	-
25121	Tables or desks.....	27	100.0	.6	1.0	1.7	16.0	64.5	6.6	9.6	-
2517	Cabinets and cases.....	29	100.0	2.0	.7	8.1	7.3	37.3	19.2	25.4	-
254	Partitions, shelving, lockers, and office and store fixtures.....	67	100.0	2.8	1.1	5.0	10.0	51.7	15.0	14.4	-
2542	Metal partitions, shelving, lockers, and office and store fixtures.....	67	100.0	2.8	1.1	4.9	10.0	51.7	15.1	14.4	-
25421	Partitions.....	67	100.0	2.8	1.1	4.9	10.0	51.7	15.1	14.4	-
259	Miscellaneous furniture and fixtures...	18	100.0	.1	1.5	3.2	35.9	52.3	.1	6.9	-
26	Pulp, paper, and allied products.....	476	100.0	6.6	8.1	9.9	12.9	32.8	2.8	26.9	-
26219	Paper, n.e.c.....	19	100.0	.4	.9	7.8	15.7	44.7	4.2	26.3	-
264	Converted paper and paperboard products (except containers and boxes).....	221	100.0	3.3	5.9	7.3	11.2	46.1	5.0	21.2	-
2642	Envelopes (except stationery).....	27	100.0	2.7	8.1	6.0	19.2	38.8	2.0	23.2	-
26421	Envelopes (except stationery).....	27	100.0	2.7	8.1	6.0	19.2	38.8	2.0	23.2	-
26451	Office supplies.....	28	100.0	1.3	3.0	6.3	7.7	43.3	10.2	28.2	-
2649	Miscellaneous converted paper products and paperboard products.....	78	100.0	2.1	3.7	10.1	9.7	46.4	4.5	23.5	-
265	Containers, boxes and related products, paperboard, fiberboard, and pulpboard.	130	100.0	15.0	11.2	15.4	16.7	19.6	.4	21.7	-
2651	Containers, boxes, baskets, pallets and skids, paperboard, fiberboard, and pulpboard.....	73	100.0	22.2	12.2	23.7	12.6	21.1	.1	8.1	-
26511	Containers and boxes, paperboard, fiberboard, and pulpboard.....	72	100.0	22.3	12.2	23.7	12.5	21.1	.1	8.1	-
2654	Sanitary food containers.....	45	100.0	4.9	7.7	4.5	12.3	20.0	.9	49.7	-
28	Chemicals and allied products.....	2,448	100.0	3.1	6.9	14.3	19.3	33.4	2.1	20.9	-
281	Industrial chemicals.....	964	100.0	3.7	8.1	14.3	25.3	31.2	.3	17.1	-
2812	Basic inorganic chemical compounds (including chlorine, potassium, and sodium compounds).....	175	100.0	3.9	3.9	27.6	6.0	40.7	1.0	16.9	-
28123	Sodium compounds (except sodium alkalies).....	117	100.0	3.2	3.0	34.2	8.3	31.0	1.3	19.0	-
2818	Miscellaneous industrial organic chemicals.....	104	100.0	4.8	10.9	15.6	18.6	45.0	-	5.1	-
28185	Glycols and glycerine.....	20	100.0	3.2	9.2	27.3	8.4	51.9	-	-	-
2819	Miscellaneous industrial inorganic chemicals.....	116	100.0	12.5	42.5	15.7	20.0	8.4	.8	.1	-
28199	Industrial inorganic chemicals, n.e.c. (including reagent and high purity chemicals).....	7	100.0	2.9	.4	15.3	6.8	59.8	12.5	2.3	-
282	Plastic materials and plasticizers, synthetic resins, rubbers, and fibers.	132	100.0	2.4	5.7	15.7	25.7	29.4	.9	20.2	-
2821	Plastic materials and plasticizers, synthetic resins, rubbers, and fibers.	132	100.0	2.4	5.7	15.7	25.7	29.4	.9	20.2	-

See footnote at end of table.

TABLE 2. Percent Distribution of Commodities, by Distance of Shipment: 1967--Continued

TCC code	Commodity	Number	Percent distribution by distance of shipment								Sampling variability code ¹
			All distances	Under 100 miles	100 to 199 miles	200 to 299 miles	300 to 499 miles	500 to 999 miles	1,000 to 1,499 miles	1,500 miles or over	
	TON-MILES OF SHIPMENTS--Con.	(millions of ton-miles)									
28211	Plastic materials and plasticizers, synthetic resins, and nonvulcanizable elastomers.....	132	100.0	2.4	5.7	15.8	25.6	29.4	0.9	20.2	-
284	Soap and detergents, cleaning preparations, perfumes, cosmetics, and other toilet preparations.....	523	100.0	.9	3.6	11.4	16.3	29.4	3.3	35.1	-
2841	Soap and other detergents (except specialty cleansers).....	328	100.0	.5	4.2	11.9	13.7	24.4	.3	45.0	-
28419	Soap or detergents, n.e.c. (except synthetic organic detergents and specialty cleansers).....	291	100.0	.5	2.9	10.5	11.1	24.0	.2	50.8	-
2842	Specialty cleaning, polishing, and sanitation preparations (except soap and detergents).....	108	100.0	2.2	3.6	10.0	22.2	43.8	12.0	6.2	-
2844	Perfumes, cosmetics, and other toilet preparations.....	75	100.0	.6	1.5	8.0	15.8	31.7	4.4	38.0	-
28441	Perfumes, cosmetics, and other toilet preparations.....	75	100.0	.6	1.5	8.0	15.8	31.7	4.4	38.0	-
285	Paints, varnishes, lacquers, enamels, and allied products.....	170	100.0	3.9	8.1	11.0	14.1	34.0	4.0	24.9	-
2851	Paints, varnishes, lacquers, enamels, and allied products.....	170	100.0	3.9	8.1	11.0	14.1	34.0	4.0	24.9	-
28511	Paints, varnishes, lacquers, enamels, and shellacs.....	140	100.0	3.1	6.6	10.0	12.2	35.8	4.4	27.9	-
28512	Solvents, thinners, paint oils and driers, and related products.....	13	100.0	9.4	20.5	27.9	16.5	18.3	-	7.4	-
28519	Paints, varnishes, lacquers, shellacs, enamels, and allied products, n.e.c. (including mixed shipments).....	17	100.0	6.4	10.8	4.5	27.3	32.7	3.6	14.7	-
29	Petroleum and coal products.....	1,607	100.0	13.5	21.4	14.4	22.3	16.5	1.0	10.9	-
291	Products of petroleum refining.....	1,040	100.0	18.2	26.7	10.4	25.2	6.4	.5	12.6	-
2911	Products of petroleum refining (except liquefied petroleum gases and petroleum coke and breeze).....	1,025	100.0	18.4	26.9	10.5	25.6	5.4	.5	12.7	-
29111	Gasoline, jet fuels, and other high volatile petroleum fuels (except natural gasoline).....	290	100.0	21.9	17.0	.3	60.8	-	-	-	-
29112	Kerosene.....	6	100.0	22.8	.6	1.6	.1	20.4	8.1	46.4	-
29113	Distillate fuel oil.....	105	100.0	28.5	70.6	.9	-	-	-	-	-
29114	Lubricating oils and similar light oils and derivatives.....	285	100.0	2.2	8.5	19.7	24.1	17.5	-	28.0	-
29115	Lubricating greases.....	23	100.0	1.4	5.0	30.8	61.3	.4	.9	.2	-
29116	Petroleum asphalt, tar, and pitches (including coke-oven and coal tar).....	124	100.0	14.4	16.4	29.6	1.0	-	-	38.6	-
29119	Products of petroleum refining, n.e.c....	19	100.0	7.8	17.0	21.2	10.0	22.2	21.2	.6	-
2912	Liquefied petroleum and coal gases.....	15	100.0	5.3	16.3	-	3.1	75.3	-	-	-
29121	Liquefied petroleum and coal gases.....	15	100.0	5.3	16.3	-	3.1	75.3	-	-	-
295	Paving and roofing materials.....	292	100.0	8.5	19.7	30.1	21.2	18.0	1.8	.7	-
2951	Paving mixtures and blocks.....	46	100.0	19.9	37.2	4.3	14.4	23.2	1.0	-	-
29511	Paving mixtures and blocks.....	46	100.0	19.9	37.2	4.3	14.4	23.2	1.0	-	-
2952	Asphalt felt and coatings.....	246	100.0	6.4	16.5	34.8	22.4	17.1	2.0	.8	-
29522	Asphalt and tar coatings, cements, and pitches.....	33	100.0	9.7	5.2	22.1	26.5	20.5	14.8	1.2	-
29523	Asphalt shingles and siding.....	131	100.0	8.0	22.5	39.4	25.0	5.1	-	-	-

See footnote at end of table.

TABLE 2. Percent Distribution of Commodities, by Distance of Shipment: 1967--Continued

TCC code	Commodity	Number	Percent distribution by distance of shipment								Sampling variability code ¹
			All distances	Under 100 miles	100 to 199 miles	200 to 299 miles	300 to 499 miles	500 to 999 miles	1,000 to 1,499 miles	1,500 miles or over	
	TON-MILES OF SHIPMENTS--Con.	(millions of ton-miles)									
299	Miscellaneous petroleum and coal products.....	275	100.0	0.9	3.2	13.1	12.1	52.8	2.2	15.7	-
2991	Miscellaneous petroleum and coal products.....	275	100.0	.9	3.2	13.1	12.1	52.8	2.2	15.7	-
30	Rubber and miscellaneous plastics products.....	164	100.0	1.6	3.5	7.1	14.0	38.4	9.7	25.7	-
30619	Fabricated rubber products, n.e.c.....	4	100.0	1.7	8.1	16.5	21.4	31.2	5.7	15.4	-
307	Miscellaneous plastic products.....	113	100.0	2.0	2.5	6.9	15.1	34.6	9.2	29.7	-
3071	Miscellaneous plastic products.....	113	100.0	2.0	2.5	6.9	15.1	34.6	9.2	29.7	-
30713	Moulded plastic products.....	20	100.0	3.0	1.7	11.6	11.5	31.3	13.5	27.4	-
30718	Plastic closures for bottles, cans, glasses, and jars (bands, caps, covers, discs, or tops).....	25	100.0	4.3	5.7	8.2	5.6	38.6	6.5	31.1	-
30719	Fabricated plastics products, n.e.c. (including footwear made wholly of plastic).....	42	100.0	.4	1.0	4.9	6.3	39.4	14.5	33.5	-
31	Leather and leather products.....	15	100.0	1.6	1.1	5.6	5.1	68.3	3.6	14.7	-
32	Stone, clay, and glass products.....	596	100.0	13.1	19.0	11.0	20.3	27.0	2.6	7.0	-
322	Glass and glassware, pressed and blown.	62	100.0	5.1	42.4	12.7	6.9	28.1	-	4.8	-
3221	Glass containers, caps and covers.....	62	100.0	5.1	42.4	12.7	6.9	28.1	-	4.8	-
325	Structural clay products.....	47	100.0	9.2	10.8	20.6	15.1	29.8	10.6	3.9	-
327	Concrete, gypsum, plaster, and plaster products.....	79	100.0	12.6	9.6	15.3	37.7	24.6	-	.2	-
32931	Gaskets, all types.....	7	100.0	1.5	2.9	14.0	9.2	31.9	11.2	29.3	-
33	Primary metal products.....	4,922	100.0	6.9	11.8	14.9	19.6	29.5	1.2	16.1	-
331	Steel works and rolling mill products..	4,325	100.0	6.7	12.2	15.2	20.0	29.2	1.2	15.5	-
3312	Primary iron and steel products (except coke-oven products).....	4,154	100.0	6.3	12.5	15.4	20.2	28.5	1.0	16.1	-
33123	Sheet and strip, iron and steel (except tin mill products).....	1,581	100.0	6.6	19.3	22.3	17.2	23.5	.1	11.0	-
33124	Bars, bar shapes, and rods.....	825	100.0	7.1	10.8	18.1	28.3	26.4	-	9.3	-
33127	Tin mill products.....	315	100.0	9.9	11.2	4.5	16.3	23.9	-	34.2	-
3315	Steel wire, nails, and spikes.....	143	100.0	4.0	5.7	9.5	19.7	52.1	7.8	1.2	-
33155	Steel wire.....	84	100.0	5.1	8.1	12.5	19.2	46.6	7.2	1.3	-
332	Iron and steel castings.....	142	100.0	21.5	10.6	10.9	16.3	28.0	.9	11.8	-
3321	Iron and steel castings.....	142	100.0	21.5	10.6	10.9	16.3	28.0	.9	11.8	-
33219	Iron and steel castings, n.e.c.....	142	100.0	21.5	10.6	10.9	16.3	28.0	.9	11.8	-
333	Nonferrous metals primary smelter products (slab, ingot, pig, etc., and residues).....	141	100.0	5.5	9.7	16.5	18.7	35.1	.1	14.4	-
3333	Primary zinc and zinc base alloys smelter products.....	11	100.0	3.3	5.7	18.3	43.7	28.7	-	.3	-
335	Nonferrous metal basic shapes.....	215	100.0	1.3	2.4	8.0	12.0	37.9	3.9	34.5	-
3369	Miscellaneous nonferrous metal castings	5	100.0	6.4	11.3	8.4	29.1	40.8	.2	3.8	-
33692	Zinc and zinc base alloy castings.....	2	100.0	4.9	24.0	3.7	19.0	40.2	-	8.2	-
339	Miscellaneous primary metal products...	84	100.0	5.1	20.1	17.9	24.7	23.1	.2	8.9	-
3391	Iron and steel forgings.....	75	100.0	5.5	22.1	19.0	27.1	19.9	.2	6.2	-
33911	Iron and steel forgings.....	75	100.0	5.5	22.1	19.0	27.1	19.9	.2	6.2	-

See footnote at end of table.

TABLE 2. Percent Distribution of Commodities, by Distance of Shipment: 1967--Continued

TCC code	Commodity	Number	Percent distribution by distance of shipment								Sampling variability code ¹
			All distances	Under 100 miles	100 to 199 miles	200 to 299 miles	300 to 499 miles	500 to 999 miles	1,000 to 1,499 miles	1,500 miles or over	
	TON-MILES OF SHIPMENTS--Con.	(millions of ton-miles)									
34	Fabricated metal products.....	1,059	100.0	4.0	7.0	10.5	16.9	37.8	6.6	17.3	-
341	Metal cans.....	138	100.0	4.7	6.1	13.2	27.2	33.0	1.8	14.0	-
3411	Metal cans.....	138	100.0	4.7	6.1	13.2	27.2	33.0	1.8	14.0	-
34111	Metal cans.....	138	100.0	4.7	6.1	13.2	27.2	33.0	1.8	14.0	-
342	Cutlery, hand tools, and general hardware.....	90	100.0	1.4	1.7	5.4	11.8	26.2	2.8	50.7	-
3423	Hand and edge tools (except machine tools and hand saws).....	23	100.0	.8	1.4	8.7	27.3	31.7	7.6	22.5	-
34239	Hand tools, n.e.c. (machine tools and hand saws and blades).....	23	100.0	.8	1.4	8.8	27.4	31.5	7.6	22.5	-
3429	Miscellaneous hardware.....	25	100.0	3.3	.6	6.8	6.2	45.6	1.3	36.2	-
344	Structural and miscellaneous metal products.....	371	100.0	5.6	9.1	7.5	16.6	41.4	9.4	10.4	-
3441	Structural metal products.....	197	100.0	3.0	5.3	4.9	13.4	45.1	10.3	18.0	-
34411	Structural metal products, iron and steel.....	197	100.0	3.0	5.3	4.9	13.4	45.1	10.3	18.0	-
345	Bolts, nuts, screws, rivets, washers, and other industrial fasteners.....	120	100.0	3.5	9.8	22.0	16.2	38.1	.5	9.9	-
3452	Bolts, nuts, screws, rivets, washers, and other industrial fasteners.....	120	100.0	3.5	9.8	22.0	16.2	38.1	.5	9.9	-
34529	Other industrial fasteners, including dowels, cotter pins, toggle and expansion bolts, etc.....	4	100.0	4.7	3.6	4.7	17.3	53.2	1.3	15.2	-
346	Metal stampings.....	131	100.0	1.8	5.3	11.4	11.7	32.6	7.4	29.8	-
3461	Metal stampings.....	131	100.0	1.8	5.3	11.4	11.7	32.6	7.4	29.8	-
34614	Metal closures.....	76	100.0	1.3	2.4	9.1	13.4	36.0	9.8	28.0	-
34619	Metal stampings, n.e.c.....	22	100.0	.7	4.6	7.8	14.9	33.4	3.9	34.7	-
348	Miscellaneous fabricated wire products.	56	100.0	2.0	4.3	5.4	16.9	52.8	16.5	2.1	-
3481	Miscellaneous fabricated wire products.	56	100.0	2.0	4.3	5.4	16.9	52.8	16.5	2.1	-
349	Miscellaneous fabricated metal products	139	100.0	4.3	6.4	11.0	17.6	40.8	5.5	14.4	-
3494	Valves and pipe fittings (except plumbers' brass goods and fittings)...	45	100.0	1.2	2.2	5.4	7.8	48.5	9.4	25.5	-
34941	Metal valves for piping, plumbing, and heating systems.....	27	100.0	.2	.5	5.1	5.9	51.2	12.6	24.5	-
3499	Fabricated metal products, n.e.c.....	51	100.0	3.8	3.9	8.7	16.0	49.0	2.0	16.6	-
34999	Fabricated metal products, n.e.c.....	45	100.0	3.9	4.3	9.7	16.3	48.0	2.1	15.7	-
35	Machinery, except electrical.....	794	100.0	1.7	3.3	4.8	7.7	46.9	8.3	27.3	-
351	Engines and turbines.....	62	100.0	4.4	20.7	7.1	7.3	39.0	12.6	8.9	-
3519	Miscellaneous internal combustion engines.....	62	100.0	4.4	20.7	7.1	7.3	39.0	12.6	8.9	-
35199	Internal combustion engines, except aircraft and automotive, n.e.c.....	52	100.0	5.3	24.5	8.2	7.8	36.1	12.5	5.6	-
353	Construction, mining, and materials handling machinery and equipment.....	356	100.0	1.6	1.3	4.2	9.6	51.6	10.0	21.7	-
3531	Construction machinery and equipment...	280	100.0	1.7	1.4	3.2	5.2	53.3	10.0	25.2	-
35313	Parts and attachments for tracklaying and contractors' off-highway wheel and tracted tractors.....	26	100.0	1.2	3.8	.3	5.0	45.7	8.5	35.5	-
35314	Power cranes, draglines, shovels, tractor-shovel-loaders and parts.....	20	100.0	.2	.3	3.4	.5	40.3	.3	55.0	-
3532	Mining machinery, equipment, and parts (except oil field machinery and equipment).....	8	100.0	3.2	-	2.3	10.9	81.9	1.2	.5	-

See footnote at end of table.

TABLE 2. Percent Distribution of Commodities, by Distance of Shipment: 1967--Continued

TCC code	Commodity	Number	Percent distribution by distance of shipment								Sampling variability code ¹
			All distances	Under 100 miles	100 to 199 miles	200 to 299 miles	300 to 499 miles	500 to 999 miles	1,000 to 1,499 miles	1,500 miles or over	
	TON-MILES OF SHIPMENTS--Con.	(millions of ton-miles)									
3535	Conveyors and conveying equipment (except hoists and farm elevators)....	24	100.0	1.5	2.7	8.6	13.4	28.1	28.2	17.5	-
35351	Conveyors and conveying equipment and parts, except hoists and farm elevators.....	24	100.0	1.5	2.7	8.6	13.4	28.1	28.2	17.5	-
3537	Industrial trucks, tractors, trailers, stackers, and metal skids, pallets, and platforms.....	28	100.0	.8	.6	10.8	7.1	69.4	2.4	8.9	-
35371	Industrial trucks, tractors, trailers, and stackers.....	26	100.0	.9	.7	11.8	7.8	66.5	2.6	9.7	-
354	Metalworking machinery and equipment...	67	100.0	2.1	2.6	5.1	5.3	42.9	3.2	38.8	-
3544	Special dies and tools, die sets, jigs, fixtures, and industrial molds and patterns.....	20	100.0	4.9	1.2	8.4	6.9	58.7	.5	19.4	-
35441	Special dies and tools, die sets, jigs, and fixtures.....	20	100.0	4.9	1.2	8.4	6.9	58.7	.5	19.4	-
3545	Machine tool accessories, measuring tools, and measuring devices.....	1	100.0	1.3	6.4	6.5	8.5	43.4	5.3	28.6	-
35451	Small cutting tools for machine tools and metalworking machinery.....	1	100.0	1.3	6.4	6.5	8.5	43.4	5.3	28.6	-
3548	Metalworking machinery (except machine tools).....	19	100.0	1.8	3.6	2.6	6.1	32.2	8.9	44.8	-
355	Special industry machinery (except metalworking machinery).....	24	100.0	1.4	2.6	8.9	7.8	44.3	6.1	28.9	-
3559	Miscellaneous special industry machinery.....	7	100.0	.5	4.9	9.0	12.5	55.4	1.3	16.4	-
356	General industrial machinery and equipment.....	123	100.0	1.7	2.4	6.4	5.6	44.9	6.2	32.8	-
35611	Industrial pumps, including hydraulic fluid power pumps and motors.....	37	100.0	.5	1.9	5.6	8.6	62.5	12.0	8.9	-
357	Office, computing, and accounting machines.....	48	100.0	.3	.4	3.0	5.2	33.0	2.9	55.2	-
3579	Miscellaneous office machines.....	35	100.0	.1	.4	3.4	4.0	33.1	2.8	56.2	-
35791	Addressing, dictating, and duplicating machines.....	34	100.0	.1	.4	3.3	3.9	33.2	2.4	56.7	-
358	Service industry machines.....	49	100.0	.2	.6	4.0	3.7	40.7	12.5	38.3	-
359	Miscellaneous machinery and parts (except electrical).....	17	100.0	1.2	3.1	9.3	7.8	46.2	9.4	23.0	-
3599	Miscellaneous machinery and parts (except electrical).....	17	100.0	1.2	3.1	9.3	7.8	46.2	9.4	23.0	-
35999	Machinery and parts, n.e.c. (except electrical).....	16	100.0	1.2	3.2	9.6	7.2	46.0	9.2	23.6	-
36	Electrical machinery and equipment.....	554	100.0	1.1	1.5	4.8	9.6	40.7	12.1	30.2	-
361	Electrical transmission and distribution equipment.....	77	100.0	.1	.2	4.0	5.3	45.9	4.9	39.6	-
3621	Motors and generators.....	1	100.0	.5	.3	5.3	6.8	32.7	-	54.4	-
36211	Motors.....	1	100.0	.4	-	.9	7.1	32.0	-	59.6	-
363	Household appliances.....	137	100.0	.7	1.1	3.9	8.3	49.0	18.8	18.2	-
364	Electric lighting and wiring equipment.	30	100.0	1.2	4.2	10.7	21.6	27.7	8.7	25.9	-
3642	Lighting fixtures.....	19	100.0	.6	2.2	7.0	18.6	30.3	11.6	29.7	-
365	Radio and television receiving sets (except communication types), phonographs, and phonograph records.....	112	100.0	.4	1.5	2.4	7.7	51.5	15.4	21.1	-
3651	Radio and television receiving sets (except communication types), and phonographs.....	112	100.0	.4	1.5	2.4	7.7	51.5	15.4	21.1	-

See footnote at end of table.

TABLE 2. Percent Distribution of Commodities, by Distance of Shipment: 1967--Continued

TCC code	Commodity	Number	Percent distribution by distance of shipment								Sampling variability code ¹
			All distances	Under 100 miles	100 to 199 miles	200 to 299 miles	300 to 499 miles	500 to 999 miles	1,000 to 1,499 miles	1,500 miles or over	
	TON-MILES OF SHIPMENTS--Con.	(millions of ton-miles)									
36511	Household and automotive radios, radio-phonograph combinations, and phonographs.....	52	100.0	0.4	2.8	1.5	6.5	64.2	9.1	15.5	-
36512	Household television receivers and television combinations.....	60	100.0	.4	.3	3.2	8.8	40.5	20.9	25.9	-
3662	Radio and television transmitting, signaling, and detection equipment and apparatus.....	7	100.0	.1	.3	1.8	4.0	29.4	14.7	49.7	-
36621	Radio and television transmitting, signaling, and detection equipment and apparatus.....	7	100.0	.1	.3	1.8	4.0	29.4	14.7	49.7	-
367	Electronic components or accessories...	68	100.0	1.2	1.2	1.9	10.3	25.2	15.1	45.1	-
3679	Miscellaneous electronic components and accessories.....	38	100.0	1.1	1.8	.6	3.8	15.1	16.2	61.4	-
36791	Miscellaneous electronic components and accessories.....	38	100.0	1.1	1.8	.6	3.8	15.1	16.2	61.4	-
369	Miscellaneous electrical machinery, equipment, and supplies.....	52	100.0	4.3	5.5	7.6	9.0	39.8	9.2	24.6	-
3699	Electrical machinery, equipment, and supplies, n.e.c.....	8	100.0	.1	-	1.0	12.0	54.1	28.3	4.5	-
36999	Electrical machinery, equipment, and supplies, n.e.c.....	8	100.0	.1	-	1.0	12.0	54.1	28.3	4.5	-
37	Transportation equipment.....	594	100.0	1.9	5.8	14.4	17.5	26.4	2.0	32.0	-
371	Motor vehicles and motor vehicle equipment.....	386	100.0	1.5	7.6	18.0	13.3	27.3	2.1	30.2	-
3714	Motor vehicle parts and accessories....	327	100.0	1.1	6.4	18.9	11.9	29.5	1.8	30.4	-
374	Railroad equipment.....	199	100.0	2.1	2.5	7.8	26.1	23.7	1.7	36.1	-
3742	Railroad and street cars.....	160	100.0	2.6	2.8	8.7	31.8	20.1	2.0	32.0	-
37428	Parts and accessories for railroad and street cars, except wheels.....	109	100.0	1.7	1.3	6.1	22.0	22.3	3.0	43.6	-
38	Instruments, photographic goods, optical goods, watches, and clocks....	53	100.0	.7	2.7	8.8	12.1	39.2	7.2	29.3	-
382	Measuring, controlling, and indicating instruments.....	18	100.0	.5	3.3	7.5	10.1	33.9	13.3	31.4	-
386	Photographic equipment and supplies....	19	100.0	.7	2.4	7.8	5.3	53.2	2.5	28.1	-
3861	Photographic equipment and supplies....	19	100.0	.7	2.4	7.8	5.3	53.2	2.5	28.1	-
39	Miscellaneous products of manufacturing	172	100.0	1.0	1.5	3.6	7.2	40.2	11.8	34.7	-
3999	Manufactured products, n.e.c.....	12	100.0	1.4	1.1	2.9	6.9	32.5	4.3	50.9	-

¹Code letter indicates a sampling variability range as follows: a, 0-9 percent; b, 10-19 percent; c, 20-29 percent; and d, 30-50 percent. The variability for ton-miles has not been estimated.

TABLE 3. Percent Distribution of Commodities, by Geographic Division of Destination: 1967

TCC code	Commodity	Number	Percent distribution by geographic division ¹ of destination											Sampling vari- ability code ³
			All means of trans- port	New Eng- land	Middle Atlantic	East North Central	West North Central	South Atlantic	East South Central	West South Central	Moun- tain	Paci- fic ²		
	TONS OF SHIPMENTS	(thous. of tons)												
	Production Area 15, total.....	62,233	100.0	1.1	5.0	67.8	11.7	3.4	3.9	3.4	1.0	2.7	-	
20	Food and kindred products.....	7,364	100.0	3.4	14.0	39.2	16.9	7.4	7.4	5.9	1.7	4.1	b	
23	Apparel, including knit apparel, and other finished textile products.....	54	100.0	1.2	7.1	72.9	4.3	4.5	2.7	3.6	.9	2.8	d	
24	Lumber and wood products, except furniture.....	77	100.0	1.4	8.1	65.6	9.1	8.6	2.2	1.8	1.5	1.7	d	
25	Furniture and fixtures.....	432	100.0	4.8	11.9	46.8	12.2	7.1	2.7	6.8	3.3	4.4	b	
26	Pulp, paper, and allied products.....	1,883	100.0	.8	3.9	73.9	7.6	2.8	3.3	3.1	2.1	2.5	b	
28	Chemicals and allied products.....	7,069	100.0	1.0	4.5	58.6	16.9	3.8	4.9	3.6	3.1	3.6	b	
29	Petroleum and coal products.....	12,139	100.0	-	1.6	87.3	7.7	1.3	.6	.6	.1	.8	b	
30	Rubber and miscellaneous plastics products.....	353	100.0	2.2	10.8	45.0	16.8	8.8	2.1	6.5	1.0	6.8	b	
31	Leather and leather products.....	25	100.0	27.6	10.6	25.0	7.9	12.4	5.9	4.4	1.2	5.0	d	
32	Stone, clay, and glass products.....	3,893	100.0	.6	3.2	83.9	7.7	1.2	1.4	1.0	.3	.7	d	
33	Primary metal products.....	20,926	100.0	.3	2.5	72.5	11.6	1.8	4.8	3.9	.5	2.1	a	
34	Fabricated metal products.....	3,131	100.0	2.8	5.4	61.3	14.0	5.3	2.6	4.0	1.5	3.1	b	
35	Machinery, except electrical.....	1,533	100.0	2.9	17.6	43.8	7.6	7.7	3.5	7.5	2.0	7.4	a	
36	Electrical machinery and equipment.....	902	100.0	3.6	15.9	31.9	10.4	12.4	4.2	7.7	3.4	10.5	a	
37	Transportation equipment.....	1,457	100.0	.3	7.5	50.6	15.5	9.0	6.9	2.2	.6	7.4	b	
38	Instruments, photographic goods, opti- cal goods, watches, and clocks.....	94	100.0	2.9	20.7	36.2	12.0	6.2	5.0	6.1	1.7	9.2	b	
39	Miscellaneous products of manufacturing	262	100.0	5.1	15.0	31.4	7.7	11.9	4.4	8.3	2.8	13.4	d	
	TON-MILES OF SHIPMENTS	(millions of ton-miles)												
	Production Area 15, total.....	17,103	100.0	3.2	11.1	24.4	15.0	7.9	6.0	10.2	4.1	18.1	-	
20	Food and kindred products.....	3,330	100.0	5.9	18.5	12.9	13.3	11.0	6.4	10.7	4.4	16.9	-	
23	Apparel, including knit apparel, and other finished textile products.....	15	100.0	3.7	16.0	26.4	5.3	10.2	4.6	11.5	3.6	18.7	-	
24	Lumber and wood products, except furniture.....	25	100.0	3.5	16.7	20.5	10.8	20.1	3.6	5.3	5.0	14.5	-	
25	Furniture and fixtures.....	193	100.0	9.2	16.7	13.5	10.0	10.1	2.5	12.5	8.6	16.9	-	
26	Pulp, paper, and allied products.....	476	100.0	2.8	9.8	23.9	10.9	7.1	6.5	9.9	11.7	17.4	-	
28	Chemicals and allied products.....	2,448	100.0	2.4	8.2	22.0	16.6	6.7	5.9	8.7	8.6	20.9	-	
29	Petroleum and coal products.....	1,607	100.0	.2	7.6	48.8	20.4	5.6	1.8	4.1	.6	10.9	-	
30	Rubber and miscellaneous plastics products.....	164	100.0	3.9	15.1	11.0	13.8	15.0	2.1	10.9	2.6	25.6	-	
31	Leather and leather products.....	15	100.0	38.3	11.6	5.9	3.9	13.6	4.1	5.9	2.1	14.6	-	
32	Stone, clay, and glass products.....	596	100.0	3.4	12.5	43.9	16.6	4.5	3.8	5.0	2.0	8.3	-	
33	Primary metal products.....	4,922	100.0	1.1	5.9	30.3	17.4	4.5	9.2	13.5	2.0	16.1	-	
34	Fabricated metal products.....	1,059	100.0	7.5	9.7	21.7	15.6	10.9	3.2	9.7	5.2	16.5	-	
35	Machinery, except electrical.....	794	100.0	4.7	22.7	9.1	5.7	10.4	3.2	12.3	4.5	27.4	-	
36	Electrical machinery and equipment.....	554	100.0	4.9	16.5	7.6	6.0	14.4	3.1	10.8	6.6	30.1	-	
37	Transportation equipment.....	594	100.0	.6	10.1	19.1	12.7	13.2	6.2	4.5	1.5	32.1	-	
38	Instruments, photographic goods, opti- cal goods, watches, and clocks.....	53	100.0	4.0	22.8	11.9	7.0	8.3	4.2	9.3	3.3	29.2	-	
39	Miscellaneous products of manufacturing	172	100.0	6.4	14.8	6.1	4.2	12.8	3.1	10.7	5.5	36.4	-	

¹States included in the geographic divisions are as follows: NEW ENGLAND--Maine, New Hampshire, Vermont, Massachusetts, Rhode Island, and Connecticut; MIDDLE ATLANTIC--New York, New Jersey, and Pennsylvania; EAST NORTH CENTRAL--Ohio, Indiana, Illinois, Michigan, and Wisconsin; WEST NORTH CENTRAL--Minnesota, Iowa, Missouri, North Dakota, South Dakota, Nebraska, and Kansas; SOUTH ATLANTIC--Delaware, Maryland, District of Columbia, Virginia, West Virginia, North Carolina, South Carolina, Georgia, and Florida; EAST SOUTH CENTRAL--Kentucky, Tennessee, Alabama, and Mississippi; WEST SOUTH CENTRAL--Arkansas, Louisiana, Oklahoma, and Texas; MOUNTAIN--Montana, Idaho, Wyoming, Colorado, New Mexico, Arizona, Utah, and Nevada; PACIFIC--Washington, Oregon, California, Alaska, and Hawaii.

²Shipments to Alaska and Hawaii from the 48 conterminous States and the District of Columbia are included; no data were obtained for shipments originating in Alaska and Hawaii.

³Code letter indicates a sampling variability range as follows: a, 0-9 percent; b, 10-19 percent; c, 20-29 percent; and d, 30-50 percent. The variability for ton-miles has not been estimated.

TABLE 4. Percent Distribution of Commodities, by Production Area of Destination: 1967

TCC code	Commodity	Number	Percent distribution by production area ¹ of destination							
			Total	1 (BOST)	2 (HART)	3 (NYNY)	4 (N. NJ)	5 (PHIL)	6 (BALT)	7 (ALLN)
	TONS OF SHIPMENTS	(thousands of tons)								
	Production Area 15, total.....	62,233	100.0	0.4	0.2	0.8	1.0	0.5	0.5	0.1
20	Food and kindred products.....	7,364	100.0	.8	.3	1.3	3.5	1.2	.8	.2
201	Meat, poultry, and small game; fresh, chilled or frozen.....	495	100.0	2.5	.6	6.3	4.0	1.6	.4	.1
2012	Meat, fresh frozen.....	23	100.0	1.5	-	6.2	-	10.8	-	-
2013	Meat products.....	214	100.0	.8	.2	1.8	3.2	1.1	1.0	.1
20132	Meats, and sausage, cooked, cured, dried, smoked, or salted.....	77	100.0	2.2	.2	.8	5.5	3.1	2.7	.2
203	Canned and preserved fruits, vegetables, and seafoods.....	1,330	100.0	.8	.1	.7	1.0	.6	.2	.1
2033	Canned fruits and vegetables.....	268	100.0	1.9	-	1.7	.9	.8	.7	-
2037	Frozen fruits, vegetables, fruit juices, and specialties.....	190	100.0	1.5	.4	2.0	2.8	1.4	.4	.3
20374	Frozen prepared food and soups (except seafoods).....	171	100.0	1.7	.4	2.3	3.1	1.4	.4	.4
204	Grain mill products.....	2,676	100.0	.6	.3	1.5	1.7	1.2	.1	.4
2042	Prepared feed for animals, fish, and fowls (except hay, straw, or related products).....	578	100.0	1.6	-	1.5	3.1	1.6	-	.1
20421	Prepared feed for animals, fish, or fowls (except canned).....	392	100.0	-	-	.8	-	-	-	.1
207	Confectionary and related products....	927	100.0	.9	.3	.9	9.4	1.5	3.4	-
2071	Confectionary and related products....	927	100.0	.9	.3	.9	9.4	1.5	3.4	-
20711	Candy (bars, bulk, packaged).....	537	100.0	1.5	.4	1.4	2.1	2.4	5.6	-
20719	Confectionary and related products, n.e.c.....	182	100.0	.2	-	.4	3.3	.8	1.1	-
208	Beverages and flavoring extracts.....	879	100.0	.8	.2	.6	.2	.4	-	-
209	Miscellaneous food preparations and kindred products.....	933	100.0	.5	.1	.4	9.1	2.0	2.0	-
2099	Miscellaneous food preparations.....	187	100.0	2.3	-	2.2	4.4	1.7	-	-
20999	Food preparations, n.e.c.....	98	100.0	1.8	-	3.0	3.0	3.2	-	-
23	Apparel, including knit apparel, and other finished textile products.....	54	100.0	.6	.3	3.3	.3	1.0	.3	.1
24	Lumber and wood products, except furniture.....	77	100.0	.3	1.1	1.9	.3	4.8	.9	-
25	Furniture and fixtures.....	432	100.0	2.8	1.4	1.5	2.5	.2	.6	.1
251	Household and office furniture.....	265	100.0	4.4	.9	2.2	1.1	.2	.5	.1
2511	Chairs, rockers, benches, and stools...	18	100.0	-	-	4.4	-	-	-	-
25111	Chairs, rockers, benches, and stools, not upholstered.....	18	100.0	-	-	4.4	-	-	-	-
2512	Tables or desks.....	43	100.0	22.1	2.4	2.3	.6	.3	-	.4
25121	Tables or desks.....	43	100.0	22.1	2.4	2.3	.6	.3	-	.4
2517	Cabinets and cases.....	56	100.0	1.7	2.4	2.8	2.8	.4	-	-
254	Partitions, shelving, lockers, and office and store fixtures.....	130	100.0	.3	-	.4	1.1	-	-	.1
2542	Metal partitions, shelving, lockers, and office and store fixtures.....	129	100.0	.3	-	.4	1.1	-	-	.1
25421	Partitions.....	129	100.0	.3	-	.4	1.1	-	-	.1
259	Miscellaneous furniture and fixtures...	35	100.0	.2	10.2	.7	18.5	.8	3.2	-

See footnotes at end of table.

TABLE 4. Percent Distribution of Commodities, by Production Area of Destination: 1967--Continued

TCC code	Commodity	Percent distribution by production area ¹ of destination--Continued									
		8 (HARR)	9 (SYRA)	10 (BUFF)	11 (CLEV)	12 (PITT)	13 (DETR)	14 (CINC)	15 ² (CHIC)	16 (MILW)	17 (M-SP)
	TONS OF SHIPMENTS										
	Production Area 15, total.....	0.2	0.2	0.5	1.6	0.6	4.8	1.2	30.0	4.5	2.7
20	Food and kindred products.....	1.0	.9	2.1	2.4	.9	3.0	1.5	7.5	2.6	2.7
201	Meat, poultry, and small game; fresh, chilled or frozen.....	1.9	.6	1.2	2.2	.5	2.4	2.1	4.5	.2	.4
2012	Meat, fresh frozen.....	-	-	6.0	24.0	2.3	-	1.4	-	-	-
2013	Meat products.....	3.9	1.4	.5	.9	.8	3.3	3.4	6.4	.3	.8
20132	Meats and sausage, cooked, cured, dried, smoked, or salted.....	-	.6	.8	1.2	2.0	8.1	3.3	2.0	.6	1.5
203	Canned and preserved fruits, vege- tables, and seafoods.....	.3	.9	.9	3.0	.8	1.8	1.0	7.5	2.6	7.1
2033	Canned fruits and vegetables.....	1.3	4.2	2.1	10.5	1.9	1.6	-	6.0	1.1	4.9
2037	Frozen fruits, vegetables, fruit juices, and specialties.....	-	.1	.5	4.5	1.4	2.1	4.0	13.4	3.7	1.6
20374	Frozen prepared food and soups (except seafoods).....	-	.2	.6	4.0	.7	1.8	4.4	11.6	4.1	.4
204	Grain mill products.....	2.2	1.6	2.3	2.0	.7	3.4	1.6	6.7	2.6	2.4
2042	Prepared feed for animals, fish, and fowls (except hay, straw, or related products).....	1.7	5.1	4.2	4.0	1.1	4.2	1.5	.9	1.1	.8
20421	Prepared feed for animals, fish, or fowls (except canned).....	.1	7.0	2.9	4.1	-	1.5	.2	.2	1.2	1.0
207	Confectionery and related products.....	.2	.3	4.4	2.0	1.4	3.6	1.3	5.8	1.0	2.0
2071	Confectionery and related products.....	.2	.3	4.4	2.0	1.4	3.6	1.3	5.8	1.0	2.0
20711	Candy (bars, bulk, packaged).....	.4	.5	3.1	2.5	1.9	1.6	2.1	4.3	1.4	2.7
20719	Confectionery and related products, n.e.c.....	-	.2	12.8	1.8	1.3	8.2	.1	16.0	.6	2.0
208	Beverages and flavoring extracts.....	.1	.3	1.9	2.2	.9	3.1	.3	14.8	4.7	.8
209	Miscellaneous food preparations and kindred products.....	-	.1	1.2	3.3	1.2	2.6	2.9	6.2	3.4	1.5
2099	Miscellaneous food preparations.....	-	.5	4.6	2.1	.4	3.9	2.4	11.4	.7	2.3
20999	Food preparations, n.e.c.....	-	.5	5.4	3.6	.2	2.9	4.4	.8	.7	1.7
23	Apparel, including knit apparel, and other finished textile products.....	.2	-	.5	3.6	1.4	3.3	1.3	18.1	12.3	.1
24	Lumber and wood products, except furniture.....	-	-	-	2.4	.5	1.0	3.0	32.3	7.7	.8
25	Furniture and fixtures.....	3.0	.2	.7	3.1	1.0	4.3	.6	13.1	5.9	3.2
251	Household and office furniture.....	4.9	.2	.3	1.4	1.1	6.0	.4	17.8	4.0	.9
2511	Chairs, rockers, benches, and stools...	-	-	-	.8	3.0	1.7	1.4	10.1	4.6	.4
25111	Chairs, rockers, benches, and stools, not upholstered.....	-	-	-	.8	3.0	1.7	1.4	10.1	4.6	.4
2512	Tables or desks.....	8.5	.5	.5	1.0	.6	1.0	.3	4.7	1.9	-
25121	Tables or desks.....	8.5	.5	.5	1.0	.6	1.0	.3	4.7	1.9	-
2517	Cabinets and cases.....	5.0	.5	.2	2.1	.4	4.2	.1	21.6	.2	2.6
254	Partitions, shelving, lockers, and office and store fixtures.....	-	.1	.4	7.0	-	1.9	1.2	7.2	11.5	1.7
2542	Metal partitions, shelving, lockers, and office and store fixtures.....	-	.1	.4	7.0	-	1.9	1.2	7.0	11.5	1.7
25421	Partitions.....	-	.1	.4	7.0	-	1.9	1.2	7.0	11.5	1.7
259	Miscellaneous furniture and fixtures	-	.9	4.9	1.2	3.2	.3	-	.9	.3	26.0

See footnotes at end of table.

TABLE 4. Percent Distribution of Commodities, by Production Area of Destination: 1967--Continued

TCC code	Commodity	Percent distribution by production area ¹ of destination--Continued									Sampling variability code
		18 (STLO)	19 (ATLA)	20 (DALL)	21 (HOUS)	22 (DENV)	23 (SETL)	24 (SANF)	25 (LOSA)	All other	
	TONS OF SHIPMENTS										
	Production Area 15, total.....	2.3	0.5	0.8	0.9	0.5	0.4	0.7	1.0	43.1	-
20	Food and kindred products.....	4.7	1.2	1.3	1.1	.6	.5	1.1	1.3	55.5	b
201	Meat, poultry, and small game; fresh, chilled or frozen.....	1.2	1.3	.5	.5	1.5	.7	1.5	2.9	58.4	c
2012	Meat, fresh frozen.....	1.3	-	3.2	-	-	-	-	.3	43.0	d
2013	Meat products.....	.6	2.4	.8	.6	3.6	1.7	3.4	6.0	51.0	d
20132	Meats and sausage, cooked, cured, dried, smoked, or salted.....	1.5	4.0	1.0	.5	1.2	1.4	1.6	3.9	50.1	c
203	Canned and preserved fruits, vegetables, and seafoods.....	11.8	.5	1.1	.4	.3	.2	.2	3.0	53.1	b
2033	Canned fruits and vegetables.....	2.2	.5	1.7	-	1.2	.5	-	.1	54.2	d
2037	Frozen fruits, vegetables, fruit juices, and specialties.....	6.9	.9	2.2	.1	.4	.9	-	15.8	32.7	d
20374	Frozen prepared food and soups (except seafoods).....	7.7	1.0	2.4	.1	.4	1.0	-	17.7	32.3	d
204	Grain mill products.....	3.0	-	.7	.5	.1	.3	.1	.7	63.3	d
2024	Prepared feed for animals, fish, and fowls (except hay, straw, or related products).....	.7	-	.2	.1	.1	-	.1	-	66.3	d
20421	Prepared feed for animals, fish, or fowls (except canned).....	.2	-	-	.2	-	-	.1	-	80.4	d
207	Confectionery and related products.....	1.8	8.0	3.1	1.6	1.5	.2	2.7	1.3	41.4	b
2071	Confectionery and related products.....	1.8	8.0	3.1	1.6	1.5	.2	2.7	1.3	41.4	b
20711	Candy (bars, bulk, packaged).....	2.1	1.6	3.2	1.7	1.4	.1	4.5	2.2	49.3	b
20719	Confectionery and related products, n.e.c.....	.9	.3	5.3	.5	1.9	.7	.3	.3	41.0	d
208	Beverages and flavoring extracts.....	3.7	-	.9	5.0	.2	1.8	3.0	.2	53.9	d
209	Miscellaneous food preparations and kindred products.....	4.7	.1	2.5	.1	1.3	.2	1.9	.6	52.1	d
2099	Miscellaneous food preparations.....	2.2	.7	2.4	.2	3.7	1.1	9.6	.9	40.3	d
20999	Food preparations, n.e.c.....	3.9	1.3	4.3	.4	.4	.5	18.5	1.1	38.4	c
23	Apparel, including knit apparel, and other finished textile products.....	1.4	-	.8	.6	.1	.1	-	1.7	48.6	d
24	Lumber and wood products, except furniture.....	1.9	.4	.2	-	1.0	.1	.2	.5	38.7	d
25	Furniture and fixtures.....	1.9	.2	1.9	2.7	.3	.2	.5	2.9	45.2	b
251	Household and office furniture.....	2.1	.2	.1	.2	.2	.3	.6	3.1	46.8	c
2511	Chairs, rockers, benches, and stools...	2.4	.3	-	.1	1.7	.3	1.7	30.4	36.7	b
25111	Chairs, rockers, benches, and stools, not upholstered.....	2.4	.3	-	.1	1.7	.3	1.7	30.4	36.7	b
2512	Tables or desks.....	.3	-	-	.3	.2	.8	.2	.4	50.7	b
25121	Tables or desks.....	.3	-	-	.3	.2	.8	.2	.4	50.7	b
2517	Cabinets and cases.....	6.6	.3	.1	.6	.2	.6	2.1	4.5	38.0	b
254	Partitions, shelving, lockers, and office and store fixtures.....	1.7	.2	6.0	8.7	.4	.1	.2	2.8	47.0	b
2542	Metal partitions, shelving, lockers, and office and store fixtures.....	1.6	.2	6.0	8.8	.4	.1	.2	2.8	47.2	b
25421	Partitions.....	1.6	.2	6.0	8.8	.4	.1	.2	2.8	47.2	b
259	Miscellaneous furniture and fixtures...	2.2	-	.5	-	-	-	.3	1.7	24.0	c

See footnotes at end of table.

TABLE 4. Percent Distribution of Commodities, by Production Area of Destination: 1967 --Continued

TCC code	Commodity	Number	Percent distribution by production area ¹ of destination							
			Total	1 (BOST)	2 (HART)	3 (NYNY)	4 (N. NJ)	5 (PHIL)	6 (BALT)	7 (ALLN)
	TONS OF SHIPMENTS--Continued	(thousands of tons)								
26	Pulp, paper, and allied products.....	1,883	100.0	0.5	0.2	0.9	1.1	0.5	0.1	0.1
26219	Paper, n.e.c.....	32	100.0	1.0	.8	9.2	1.6	4.4	.1	.6
264	Converted paper and paperboard products (except containers and boxes).....	562	100.0	1.2	.7	2.0	2.9	1.0	.3	-
2642	Envelopes (except stationary).....	65	100.0	.2	-	3.0	2.2	5.2	-	-
26421	Envelopes (except stationary).....	65	100.0	.2	-	3.0	2.2	5.2	-	-
26451	Office supplies.....	57	100.0	.4	2.4	2.0	8.4	.4	.5	.1
2649	Miscellaneous converted paper products and paperboard products.....	166	100.0	1.2	-	1.4	2.8	.5	.5	-
265	Containers, boxes and related products, paperboard, fiberboard, and pulpboard.	950	100.0	.2	-	-	.3	.3	-	-
2651	Containers, boxes, baskets, pallets and skids, paperboard, fiberboard, and pulpboard.....	757	100.0	.2	-	-	.3	.3	-	-
26511	Containers and boxes, paperboard, fiberboard, and pulpboard.....	756	100.0	.2	-	-	.3	.3	-	-
2654	Sanitary food containers.....	131	100.0	.3	-	.1	-	.2	.3	-
28	Chemicals and allied products.....	7,069	100.0	.6	.3	1.0	1.4	.4	.6	-
281	Industrial chemicals.....	3,162	100.0	.2	-	1.2	1.4	.3	.4	-
2812	Basic inorganic chemical compounds (including chlorine, potassium, and sodium compounds).....	598	100.0	.8	-	4.2	6.1	-	-	-
28123	Sodium compounds (except sodium alkalis).....	379	100.0	1.3	-	1.6	4.7	-	-	-
2818	Miscellaneous industrial organic chemicals.....	403	100.0	.2	-	2.6	2.0	.8	3.0	.1
28185	Glycols and glycerins.....	74	100.0	-	-	11.3	-	4.1	-	-
2819	Miscellaneous industrial inorganic chemicals.....	881	100.0	-	-	.3	-	.5	-	-
28199	Industrial inorganic chemicals, n.e.c. (including reagent and high purity chemicals).....	20	100.0	.1	-	14.2	.3	11.8	-	-
282	Plastic materials and plasticizers, synthetic resins, rubbers, and fibers.	398	100.0	.5	-	2.8	.8	.1	.7	-
2821	Plastic materials and plasticizers, synthetic resins, rubbers, and fibers.	398	100.0	.5	-	2.8	.8	.1	.7	-
28211	Plastic materials and plasticizers, synthetic resins, and nonvulcanizable elastomers.....	396	100.0	.5	-	2.8	.7	-	.7	-
284	Soap and detergents, cleaning preparations, perfumes, cosmetics, and other toilet preparations.....	1,002	100.0	1.2	1.5	.4	1.2	.5	2.1	-
2841	Soap and other detergents (except specialty cleansers).....	586	100.0	1.6	2.4	.2	1.0	.5	3.5	-
28419	Soap or detergents, n.e.c. (except synthetic organic detergents and specialty cleansers).....	458	100.0	2.1	3.0	.3	1.3	.6	3.0	-
2842	Specialty cleaning, polishing, and sanitation preparations (except soap and detergents).....	260	100.0	.5	-	.2	.8	.3	-	-
2844	Perfumes, cosmetics, and other toilet preparations.....	122	100.0	1.3	.6	1.7	2.7	.8	.7	.1
28441	Perfumes, cosmetics, and other toilet preparations.....	122	100.0	1.3	.6	1.7	2.7	.8	.7	.1

See footnotes at end of table.

TABLE 4. Percent Distribution of Commodities, by Production Area of Destination: 1967--Continued

TCC code	Commodity	Percent distribution by production area ¹ of destination--Continued									
		8 (HARR)	9 (SYRA)	10 (BUFF)	11 (CLEV)	12 (PITT)	13 (DETR)	14 (CINC)	15 ² (CHIC)	16 (MILW)	17 (M-SP)
	TONS OF SHIPMENTS--Continued										
26	Pulp, paper, and allied products.....	0.1	-	0.3	1.9	0.3	2.2	1.0	37.0	4.4	2.0
26219	Paper, n.e.c.....	.1	0.1	.1	1.7	.3	13.3	2.8	5.2	1.8	7.3
264	Converted paper and paperboard products (except containers and boxes).....	.4	.1	.3	1.1	.7	2.4	2.0	15.4	7.0	3.3
2642	Envelopes (except stationery).....	1.0	.1	.2	2.9	-	1.5	3.0	7.4	8.0	3.1
26421	Envelopes (except stationery).....	1.0	.1	.2	2.9	-	1.5	3.0	7.4	8.0	3.1
26451	Office supplies.....	-	.2	.9	.9	1.6	1.0	.4	20.1	2.4	.5
2649	Miscellaneous converted paper products and paperboard products.....	.3	.1	.2	.7	.6	3.5	3.9	5.0	5.4	1.5
265	Containers, boxes and related products, paperboard, fiberboard, and pulpboard.	-	-	.4	.9	.1	.7	.7	55.3	2.7	.6
2651	Containers, boxes, baskets, pallets and skids, paperboard, fiberboard, and pulpboard.....	-	-	.4	-	-	.4	.8	64.3	2.6	.4
26511	Containers and boxes, paperboard, fiberboard, and pulpboard.....	-	-	.4	-	-	.4	.8	64.4	2.6	.4
2654	Sanitary food containers.....	.2	-	.3	1.5	.4	.5	.2	19.5	2.2	2.2
28	Chemicals and allied products.....	-	.2	.5	1.7	.4	8.7	1.8	17.9	2.2	2.2
281	Industrial chemicals.....	-	-	.1	1.1	.1	7.6	2.0	24.8	2.7	.9
2812	Basic inorganic chemical compounds (including chlorine, potassium, and sodium compounds).....	-	-	-	1.3	.1	3.4	7.6	28.7	1.4	.4
28123	Sodium compounds (except sodium alkalies).....	-	-	-	1.7	-	4.7	7.2	24.7	.5	.6
2818	Miscellaneous industrial organic chemicals.....	-	-	.3	2.1	-	4.1	3.1	29.7	7.0	1.0
28185	Glycols and glycerins.....	-	-	-	-	-	2.6	5.8	25.3	-	-
2819	Miscellaneous industrial inorganic chemicals.....	.1	-	.1	1.2	-	.8	.6	34.8	.9	.8
28199	Industrial inorganic chemicals, n.e.c. (including reagent and high purity chemicals).....	-	-	3.5	.3	-	23.0	-	23.4	1.7	-
282	Plastic materials and plasticizers, synthetic resins, rubbers, and fibers.	-	-	3.3	1.5	-	13.2	.8	17.1	.4	10.8
2821	Plastic materials and plasticizers, synthetic resins, rubbers, and fibers.	-	-	3.3	1.5	-	13.2	.8	17.1	.4	10.8
28211	Plastic materials and plasticizers, synthetic resins, and nonvulcanizable elastomers.....	-	-	3.3	1.3	-	13.2	.8	17.2	.4	10.9
284	Soap and detergents, cleaning prepara- tions, perfumes, cosmetics, and other toilet preparations.....	-	-	.9	3.6	1.4	8.7	2.8	7.6	2.3	3.6
2841	Soap and other detergents (except specialty cleansers).....	-	-	1.4	4.5	2.0	9.1	2.6	6.9	2.3	3.5
28419	Soap or detergents, n.e.c. (except synthetic organic detergents and specialty cleansers).....	-	-	1.7	2.9	.3	8.2	2.5	8.1	1.8	3.3
2842	Specialty cleaning, polishing, and sanitation preparations (except soap and detergents).....	-	.1	.2	1.4	.1	8.6	.8	11.5	2.8	4.3
2844	Perfumes, cosmetics, and other toilet preparations.....	.2	.1	.4	4.4	1.4	.9	8.3	3.7	2.2	3.8
28441	Perfumes, cosmetics, and other toilet preparations.....	.2	.1	.4	4.4	1.4	.9	8.3	3.7	2.2	3.8

See footnotes at end of table.

TABLE 4. Percent Distribution of Commodities, by Production Area of Destination: 1967--Continued

TCC code	Commodity	Percent distribution by production area ¹ of destination--Continued									Sampling vari- ability code ³
		18 (STLO)	19 (ATLA)	20 (DALL)	21 (HOUS)	22 (DENV)	23 (SETL)	24 (SANF)	25 (LOSA)	All other	
	TONS OF SHIPMENTS--Continued										
26	Pulp, paper, and allied products.....	2.0	0.2	1.6	0.3	0.2	-	0.9	0.5	41.7	b
26219	Paper, n.e.c.....	1.5	3.4	4.9	.2	1.5	0.3	5.9	1.5	30.4	c
264	Converted paper and paperboard products (except containers and boxes).....	1.5	.3	1.4	.9	.4	-	2.4	.9	51.4	c
2642	Envelopes (except stationery).....	.5	.1	.4	.1	.6	-	1.9	2.6	56.0	d
26421	Envelopes (except stationery).....	.5	.1	.4	.1	.6	-	1.9	2.6	56.0	d
26451	Office supplies.....	6.0	-	.9	1.4	.3	.2	4.7	.7	43.6	d
2649	Miscellaneous converted paper products and paperboard products.....	1.9	.6	3.3	2.0	-	-	5.6	-	59.0	d
265	Containers, boxes and related products, paperboard, fiberboard, and pulpboard.	2.0	.1	.9	-	.1	-	-	.3	34.4	c
2651	Containers, boxes, baskets, pallets and skids, paperboard, fiberboard, and pulpboard.....	2.2	.1	.4	-	.1	-	-	.4	27.1	d
26511	Containers and boxes, paperboard, fiberboard, and pulpboard.....	2.2	.1	.4	-	.1	-	-	.4	27.0	d
2654	Sanitary food containers.....	1.8	-	4.6	-	.3	-	.2	-	65.2	d
28	Chemicals and allied products.....	3.1	.9	1.4	.4	2.8	1.2	.6	.7	49.0	b
281	Industrial chemicals.....	2.8	.1	.5	.5	5.4	2.4	.1	.5	44.9	b
2812	Basic inorganic chemical compounds (including chlorine, potassium, and sodium compounds).....	8.0	.5	1.0	.3	-	-	.6	2.2	33.4	c
28123	Sodium compounds (except sodium alkalies).....	11.6	.8	1.6	-	-	-	-	3.3	35.7	c
2818	Miscellaneous industrial organic chemicals.....	2.3	-	.4	2.8	.6	.6	-	.2	37.1	c
28185	Glycols and glycerins.....	-	-	-	-	-	-	-	-	50.9	d
2819	Miscellaneous industrial inorganic chemicals.....	-	-	-	-	-	-	-	-	59.9	d
28199	Industrial inorganic chemicals, n.e.c. (including reagent and high purity chemicals).....	-	-	-	-	-	-	.1	.4	21.2	d
282	Plastic materials and plasticizers, synthetic resins, rubbers, and fibers.	3.6	1.8	-	.5	.2	.3	.1	3.3	38.2	d
2821	Plastic materials and plasticizers, synthetic resins, rubbers, and fibers.	3.6	1.8	-	.5	.2	.3	.1	3.3	38.2	d
28211	Plastic materials and plasticizers, synthetic resins, and nonvulcanizable elastomers.....	3.6	1.8	-	.5	.2	.3	.1	3.3	38.4	d
284	Soap and detergents, cleaning prepara- tions, perfumes, cosmetics, and other toilet preparations.....	4.7	.3	4.1	.5	1.9	.2	1.3	1.2	48.0	b
2841	Soap and other detergents (except specialty cleansers).....	6.6	.2	4.1	.1	1.4	-	1.5	-	44.6	b
28419	Soap or detergents, n.e.c. (except synthetic organic detergents and specialty cleansers).....	7.0	.3	5.2	.1	1.2	-	1.9	-	45.2	b
2842	Specialty cleaning, polishing, and sanitation preparations (except soap and detergents).....	1.8	.3	5.5	.6	4.4	.5	.1	.5	54.7	d
2844	Perfumes, cosmetics, and other toilet preparations.....	1.3	.5	1.7	1.4	.1	.2	3.4	8.9	49.2	b
28441	Perfumes, cosmetics, and other toilet preparations.....	1.3	.5	1.7	1.4	.1	.2	3.4	8.9	49.2	b

See footnotes at end of table.

TABLE 4. Percent Distribution of Commodities, by Production Area of Destination: 1967 --Continued

TCC code	Commodity	Number	Percent distribution by production area ¹ of destination							
			Total	1 (BOST)	2 (HART)	3 (NYNY)	4 (N. NJ)	5 (PHIL)	6 (BALT)	7 (ALLN)
	TONS OF SHIPMENTS--Continued	(thousands of tons)								
285	Paints, varnishes, lacquers, enamels, and allied products.....	489	100.0	1.5	1.1	1.0	1.3	0.8	1.0	-
2851	Paints, varnishes, lacquers, enamels, and allied products.....	489	100.0	1.5	1.1	1.0	1.3	.8	1.0	-
28511	Paints, varnishes, lacquers, enamels, and shellacs.....	349	100.0	2.0	1.5	1.2	1.7	.9	1.4	-
28512	Solvents, thinners, paint oils and driers, and related products.....	73	100.0	.2	.1	.4	-	-	-	-
28519	Paints, varnishes, lacquers, shellacs, enamels, and allied products, n.e.c. (including mixed shipments).....	64	100.0	.1	.6	.3	1.2	.8	-	-
29	Petroleum and coal products.....	12,139	100.0	-	-	-	.2	.1	.4	-
291	Products of petroleum refining.....	9,920	100.0	-	-	-	.1	-	.4	-
2911	Products of petroleum refining (except liquefied petroleum gases and petroleum coke and breeze).....	9,862	100.0	-	-	-	.1	-	.4	-
29111	Gasoline, jet fuels, and other high volatile petroleum fuels (except natural gasoline).....	3,028	100.0	-	-	-	-	-	-	-
29112	Kerosene.....	47	100.0	-	.1	.3	1.1	-	.6	-
29113	Distillate fuel oil.....	1,613	100.0	-	-	-	-	-	-	-
29114	Lubricating oils and similar light oils and derivatives.....	823	100.0	-	-	-	1.6	-	4.4	-
29115	Lubricating greases.....	82	100.0	-	-	.1	-	-	-	-
29116	Petroleum asphalt, tar, and pitches (including coke-oven and coal tar)....	862	100.0	-	-	-	-	-	-	-
29119	Products of petroleum refining, n.e.c..	83	100.0	-	-	-	-	-	-	-
2912	Liquefied petroleum and coal gases.....	58	100.0	-	-	-	-	-	-	-
29121	Liquefied petroleum and coal gases.....	58	100.0	-	-	-	-	-	-	-
295	Paving and roofing materials.....	1,628	100.0	.1	.1	.1	.8	.1	.5	0.1
2951	Paving mixtures and blocks.....	386	100.0	-	.3	-	1.1	.5	-	.3
29511	Paving mixtures and blocks.....	386	100.0	-	.3	-	1.1	.5	-	.3
2952	Asphalt felt and coatings.....	1,243	100.0	.1	-	.1	.7	-	.6	-
29522	Asphalt and tar coatings, cements, and pitches.....	219	100.0	-	-	-	-	-	-	-
29523	Asphalt shingles and siding.....	722	100.0	-	-	-	-	-	-	-
299	Miscellaneous petroleum and coal products.....	591	100.0	-	-	-	-	1.2	-	-
2991	Miscellaneous petroleum and coal products.....	591	100.0	-	-	-	-	1.2	-	-
30	Rubber and miscellaneous plastics products.....	353	100.0	1.4	.4	2.7	1.3	2.2	1.5	1.1
30619	Fabricated rubber products, n.e.c.....	10	100.0	.2	-	.7	3.1	2.9	-	-
307	Miscellaneous plastic products.....	251	100.0	1.6	.5	2.4	1.2	1.3	1.3	1.5
3071	Miscellaneous plastic products.....	251	100.0	1.6	.5	2.4	1.2	1.3	1.3	1.5
30713	Moulded plastic products.....	45	100.0	1.7	.9	1.7	.8	.8	.2	-
30718	Plastic closures for bottles, cans, glasses, and jars (bands, caps, covers, discs, or tops).....	84	100.0	1.0	.6	2.4	.5	-	2.2	-
30719	Fabricated plastics products, n.e.c. (including footwear made wholly of plastic).....	60	100.0	4.1	.4	4.3	2.8	1.4	2.2	-
31	Leather and leather products.....	25	100.0	23.1	.3	5.4	.3	2.-	-	-
32	Stone, clay, and glass products.....	3,893	100.0	.3	.2	.3	.9	.3	.2	.1
322	Glass and glassware, pressed and blown.	334	100.0	.3	-	.4	.8	.3	.2	-
3221	Glass containers, caps and covers.....	334	100.0	.3	-	.4	.8	.3	.2	-

See footnotes at end of table.

TABLE 4. Percent Distribution of Commodities, by Production Area of Destination: 1967--Continued

TCC code	Commodity	Percent distribution by production area ¹ of destination--Continued									
		8 (HARR)	9 (SYRA)	10 (BUFF)	11 (CLEV)	12 (PITT)	13 (DETR)	14 (CINC)	15 ² (CHIC)	16 (MILW)	17 (M-SP)
	TONS OF SHIPMENTS--Continued										
285	Paints, varnishes, lacquers, enamels, and allied products.....	-	0.3	0.2	1.5	1.1	5.0	0.6	17.3	5.6	2.4
2851	Paints, varnishes, lacquers, enamels, and allied products.....	-	.3	.2	1.5	1.1	5.0	.6	17.3	5.6	2.4
28511	Paints, varnishes, lacquers, enamels, and shellacs.....	-	.3	.2	1.5	1.0	3.5	.7	12.7	4.0	1.6
28512	Solvents, thinners, paint oils and driers, and related products.....	0.2	.6	-	2.5	2.0	15.0	-	33.8	7.7	2.8
28519	Paints, varnishes, lacquers, shellacs, enamels, and allied products, n.e.c. (including mixed shipments).....	-	-	.1	.2	.9	.6	.4	23.3	11.8	7.1
29	Petroleum and coal products.....	-	-	.1	.9	.1	2.4	.5	52.4	2.3	4.9
291	Products of petroleum refining.....	-	-	-	.9	-	1.2	.1	59.1	1.7	5.5
2911	Products of petroleum refining (except liquefied petroleum gases and petroleum coke and breeze).....	-	-	-	.9	-	1.2	.1	59.4	1.7	5.5
29111	Gasoline, jet fuels, and other high volatile petroleum fuels (except natural gasoline).....	-	-	-	-	-	.1	-	56.8	1.0	16.9
29112	Kerosene.....	-	-	-	-	-	.6	.2	71.3	-	-
29113	Distillate fuel oil.....	-	-	-	-	-	-	-	58.3	.3	-
29114	Lubricating oils and similar light oils and derivatives.....	-	-	-	10.4	.2	9.0	.8	8.5	5.5	1.4
29115	Lubricating greases.....	-	-	-	.9	1.4	2.1	.4	7.9	-	19.1
29116	Petroleum asphalt, tar, and pitches (including coke-oven and coal tar)....	-	-	-	-	-	4.1	-	46.1	3.8	-
29119	Products of petroleum refining, n.e.c..	-	-	.3	.1	.4	2.4	1.8	24.6	3.2	.5
2912	Liquefied petroleum and coal gases.....	-	-	-	-	2.0	-	-	13.9	-	-
29121	Liquefied petroleum and coal gases.....	-	-	-	-	2.0	-	-	13.9	-	-
295	Paving and roofing materials.....	.1	-	-	.8	-	8.7	2.7	25.2	6.8	3.0
2951	Paving mixtures and blocks.....	.5	-	-	.9	.1	.3	.1	34.7	20.8	2.7
29511	Paving mixtures and blocks.....	.5	-	-	.9	.1	.3	.1	34.7	20.8	2.7
2952	Asphalt felt and coatings.....	-	-	-	.7	-	11.3	3.5	22.3	2.5	3.1
29522	Asphalt and tar coatings, cements, and pitches.....	-	-	-	.1	-	1.4	9.2	64.1	.1	8.5
29523	Asphalt shingles and siding.....	-	-	-	1.1	-	10.4	1.8	15.5	3.2	2.7
299	Miscellaneous petroleum and coal products.....	-	-	2.4	.7	.8	5.5	.5	13.6	.2	.5
2991	Miscellaneous petroleum and coal products.....	-	-	2.4	.7	.8	5.5	.5	13.6	.2	.5
30	Rubber and miscellaneous plastics products.....	.2	.6	.5	1.6	.7	4.1	2.3	17.8	1.9	2.3
30619	Fabricated rubber products, n.e.c.....	.2	.1	.7	3.0	.1	19.8	2.4	6.2	1.2	1.4
307	Miscellaneous plastic products.....	.2	.7	.5	1.1	.2	2.7	2.1	23.6	2.4	2.9
3071	Miscellaneous plastic products.....	.2	.7	.5	1.1	.2	2.7	2.1	23.6	2.4	2.9
30713	Moulded plastic products.....	.3	3.4	.9	3.8	.5	8.7	1.7	16.3	.9	4.4
30718	Plastic closures for bottles, cans, glasses, and jars (bands, caps, covers, discs, or tops).....	.2	.1	-	.1	-	.6	3.2	45.5	3.1	1.4
30719	Fabricated plastics products, n.e.c. (including footwear made wholly of plastic).....	.1	.1	1.2	1.4	.2	1.9	.6	5.7	1.5	2.2
31	Leather and leather products.....	.9	-	-	.3	.2	4.9	.1	.5	10.5	-
32	Stone, clay, and glass products.....	-	.1	.3	1.0	.3	2.2	.6	43.7	8.4	.5
322	Glass and glassware, pressed and blown.	.1	-	.1	.8	.3	2.2	2.7	10.8	3.1	.5
3221	Glass containers, caps and covers.....	.1	-	.1	.8	.3	2.2	2.7	10.8	3.1	.5

See footnotes at end of table.

TABLE 4. Percent Distribution of Commodities, by Production Area of Destination: 1967--Continued

TCC code	Commodity	Percent distribution by production area ¹ of destination--Continued									Sampling variability code ³
		18 (STLO)	19 (ATLA)	20 (DALL)	21 (HOUS)	22 (DENV)	23 (SETL)	24 (SANF)	25 (LOSA)	All other	
	TONS OF SHIPMENTS--Continued										
285	Paints, varnishes, lacquers, enamels, and allied products.....	2.7	0.3	1.1	0.4	0.2	0.1	3.8	0.4	50.3	b
2851	Paints, varnishes, lacquers, enamels, and allied products.....	2.7	.3	1.1	.4	.2	.1	3.8	.4	50.3	b
28511	Paints, varnishes, lacquers, enamels, and shellacs.....	3.2	.3	1.4	.5	.3	.1	5.1	.3	54.6	b
28512	Solvents, thinners, paint oils and driers, and related products.....	2.1	.6	.6	-	-	-	-	.7	30.7	c
28519	Paints, varnishes, lacquers, shellacs, enamels, and allied products, n.e.c. (including mixed shipments).....	.7	.2	.1	.4	.2	.1	1.3	.7	48.9	d
29	Petroleum and coal products.....	.7	.1	-	.3	-	-	.1	-	34.5	b
291	Products of petroleum refining.....	.6	-	-	-	-	-	.1	-	30.3	c
2911	Products of petroleum refining (except liquefied petroleum gases and petroleum coke and breeze).....	.6	-	-	-	-	-	.1	-	30.0	c
29111	Gasoline, jet fuels, and other high volatile petroleum fuels (except natural gasoline).....	-	-	-	-	-	-	-	-	25.2	c
29112	Kerosene.....	-	-	.6	.5	-	.4	2.9	-	21.4	d
29113	Distillate fuel oil.....	-	-	-	-	-	-	-	-	41.4	c
29114	Lubricating oils and similar light oils and derivatives.....	4.1	-	-	-	-	-	-	-	54.1	c
29115	Lubricating greases.....	11.3	-	-	-	-	-	-	-	56.8	d
29116	Petroleum asphalt, tar, and pitches (including coke-oven and coal tar)....	1.6	-	-	-	-	-	1.3	-	43.1	c
29119	Products of petroleum refining, n.e.c..	.9	.3	.1	-	.1	-	-	-	65.3	c
2912	Liquefied petroleum and coal gases.....	-	-	-	-	-	-	-	-	84.1	d
29121	Liquefied petroleum and coal gases.....	-	-	-	-	-	-	-	-	84.1	d
295	Paving and roofing materials.....	1.6	.4	-	-	-	-	-	-	48.9	a
2951	Paving mixtures and blocks.....	1.3	.6	-	-	-	-	-	-	35.8	b
29511	Paving mixtures and blocks.....	1.3	.6	-	-	-	-	-	-	35.8	b
2952	Asphalt felt and coatings.....	1.7	.3	.1	-	-	-	-	.1	52.9	a
29522	Asphalt and tar coatings, cements, and pitches.....	1.1	.3	-	-	-	-	-	-	15.2	b
29523	Asphalt shingles and siding.....	1.8	-	-	-	-	-	-	-	63.5	a
299	Miscellaneous petroleum and coal products.....	1.0	.2	.1	6.5	-	-	-	.7	66.1	a
2991	Miscellaneous petroleum and coal products.....	1.0	.2	.1	6.5	-	-	-	.7	66.1	a
30	Rubber and miscellaneous plastics products.....	2.3	.6	1.9	.8	.1	.4	1.1	4.0	46.2	b
30619	Fabricated rubber products, n.e.c.....	.7	1.0	.1	.8	.2	-	.3	2.5	52.4	c
307	Miscellaneous plastic products.....	2.8	.6	1.8	.2	.1	.4	1.3	4.6	42.0	d
3071	Miscellaneous plastic products.....	2.8	.6	1.8	.2	.1	.4	1.3	4.6	42.0	d
30713	Moulded plastic products.....	1.5	-	.9	.1	.1	.5	2.6	1.4	45.9	d
30718	Plastic closures for bottles, cans, glasses, and jars (bands, caps, covers, discs, or tops).....	.3	.1	4.3	.7	.1	-	-	5.2	28.4	d
30719	Fabricated plastics products, n.e.c. (including footwear made wholly of plastic).....	8.1	1.5	.9	-	-	1.4	3.5	5.1	49.4	d
31	Leather and leather products.....	7.1	.1	.2	1.6	.8	2.5	1.3	.4	37.1	d
32	Stone, clay, and glass products.....	.6	.2	.1	.2	.1	-	.2	.3	38.9	d
322	Glass and glassware, pressed and blown.	1.4	1.8	.8	-	-	-	.1	.1	23.2	d
3221	Glass containers, caps and covers.....	1.4	1.8	.8	-	-	-	.1	.1	23.2	d

See footnotes at end of table.

TABLE 4. Percent Distribution of Commodities, by Production Area of Destination: 1967 --Continued

TCC code	Commodity	Number	Percent distribution by production area ¹ of destination							
			Total	1 (BOST)	2 (HART)	3 (NYNY)	4 (N. NJ)	5 (PHIL)	6 (BALT)	7 (ALLN)
	TONS OF SHIPMENTS--Continued	(thousands of tons)								
325	Structural clay products.....	241	100.0	-	0.6	-	1.0	-	2.0	1.6
327	Concrete, gypsum, plaster, and plaster products.....	504	100.0	-	.9	-	.3	0.1	-	-
32931	Gaskets, all types.....	15	100.0	0.5	.2	1.8	.8	7.6	.2	.1
33	Primary metal products.....	20,926	100.0	.2	.1	.2	.2	.4	.3	-
331	Steel works and rolling mill products..	18,753	100.0	.2	-	.1	.2	.4	.3	-
3312	Primary iron and steel products (except coke-oven products).....	17,335	100.0	.2	-	.1	.2	.4	.3	-
33123	Sheet and strip, iron and steel (except tin mill products).....	7,864	100.0	-	-	.2	.2	-	.3	-
33124	Bars, bar shapes, and rods.....	3,723	100.0	-	.1	.1	.6	-	-	-
33127	Tin mill products.....	1,365	100.0	2.3	-	.1	-	-	2.5	-
3315	Steel wire, nails, and spikes.....	471	100.0	1.5	.8	.2	1.3	1.5	1.0	-
33155	Steel wire.....	309	100.0	1.4	-	-	.7	1.2	1.3	-
332	Iron and steel castings.....	840	100.0	-	.1	-	.3	-	-	-
3321	Iron and steel castings.....	840	100.0	-	.1	-	.3	-	-	-
33219	Iron and steel castings, n.e.c.....	840	100.0	-	.1	-	.3	-	-	-
333	Nonferrous metals primary smelter products (slab, ingot, pig, etc., and residues).....	499	100.0	.3	-	.1	.1	1.9	-	-
3333	Primary zinc and zinc base alloys smelter products.....	40	100.0	-	-	-	-	-	-	-
335	Nonferrous metal basic shapes.....	405	100.0	1.4	.2	2.3	.1	.2	.2	-
3369	Miscellaneous nonferrous metal castings	20	100.0	-	.5	.9	1.7	-	.9	.2
33692	Zinc and zinc base alloy castings.....	10	100.0	-	.7	-	-	-	-	-
339	Miscellaneous primary metal products...	367	100.0	.6	.3	-	.2	-	.1	-
3391	Iron and steel forgings.....	350	100.0	.6	-	-	.2	-	.1	-
33911	Iron and steel forgings.....	350	100.0	.6	-	-	.2	-	.1	-
34	Fabricated metal products.....	3,131	100.0	.5	.5	1.6	.5	.8	.7	-
341	Metal cans.....	460	100.0	.3	.2	2.2	.7	.1	-	-
3411	Metal cans.....	460	100.0	.3	.2	2.2	.7	.1	-	-
34111	Metal cans.....	460	100.0	.3	.2	2.2	.7	.1	-	-
342	Cutlery, hand tools, and general hardware.....	152	100.0	.8	.3	1.5	1.1	1.2	.2	.1
3423	Hand and edge tools (except machine tools and hand saws).....	52	100.0	1.6	.3	1.1	.5	2.6	.2	-
34239	Hand tools, n.e.c. (machine tools and hand saws and blades).....	52	100.0	1.6	.3	1.1	.5	2.6	.2	-
3429	Miscellaneous hardware.....	51	100.0	.6	.5	1.8	1.3	.9	.1	.1
344	Structural and miscellaneous metal products.....	1,202	100.0	.7	.8	1.3	.2	.7	.4	.1
3441	Structural metal products.....	489	100.0	-	.6	2.8	.4	.2	1.1	.2
34411	Structural metal products, iron and steel.....	489	100.0	-	.6	2.8	.4	.2	1.1	.2
345	Bolts, nuts, screws, rivets, washers, and other industrial fasteners.....	406	100.0	.2	.1	1.2	.5	1.7	.1	-
3452	Bolts, nuts, screws, rivets, washers, and other industrial fasteners.....	406	100.0	.2	.1	1.2	.5	1.7	.1	-
34529	Other industrial fasteners, including dowels, cotter pins, toggle and expansion bolts, etc.....	12	100.0	-	2.0	11.8	.7	1.3	.1	-

See footnotes at end of table.

TABLE 4. Percent Distribution of Commodities, by Production Area of Destination: 1967--Continued

TCC code	Commodity	Percent distribution by production area ¹ of destination—Continued									
		8 (HARR)	9 (SYRA)	10 (BUFF)	11 (CLEV)	12 (PITT)	13 (DETR)	14 (CINC)	15 ² (CHIC)	16 (MILW)	17 (M-SP)
	TONS OF SHIPMENTS--Continued										
325	Structural clay products.....	-	0.2	1.5	2.4	1.8	10.0	0.6	39.4	1.9	0.1
327	Concrete, gypsum, plaster, and plaster products.....	-	.2	.7	.8	.2	3.8	1.1	46.8	5.9	.8
32931	Gaskets, all types.....	-	.1	.2	2.4	.9	19.2	1.4	6.0	3.8	1.1
33	Primary metal products.....	0.1	-	.3	1.4	.7	5.6	1.4	31.0	7.0	2.0
331	Steel works and rolling mill products...	.1	-	.3	1.2	.7	5.7	1.4	32.0	7.2	2.1
3312	Primary iron and steel products (except coke-oven products).....	-	-	.3	1.3	.7	6.0	1.5	28.5	7.8	2.2
33123	Sheet and strip, iron and steel (except tin mill products).....	-	-	.4	1.0	.2	8.8	1.3	26.4	7.3	1.0
33124	Bars, bar shapes, and rods.....	.1	-	.3	2.4	1.0	6.0	1.0	32.4	3.6	2.6
33127	Tin mill products.....	-	-	-	1.1	-	.9	.8	42.2	14.3	-
3315	Steel wire, nails, and spikes.....	.2	.5	.5	2.8	2.0	2.4	2.9	28.3	1.1	1.6
33155	Steel wire.....	-	.1	-	2.4	1.6	3.0	2.7	28.9	1.3	.2
332	Iron and steel castings.....	.1	-	.5	.6	.9	1.3	1.5	35.8	1.6	.1
3321	Iron and steel castings.....	.1	-	.5	.6	.9	1.3	1.5	35.8	1.6	.1
33219	Iron and steel castings, n.e.c.....	.1	-	.5	.6	.9	1.3	1.5	35.8	1.6	.1
333	Nonferrous metals primary smelter products (slab, ingot, pig, etc., and residues).....	-	.7	.8	3.2	.6	5.2	2.2	15.7	10.4	3.7
3333	Primary zinc and zinc base alloys smelter products.....	-	-	-	-	-	4.3	-	10.0	8.0	13.9
335	Nonferrous metal basic shapes.....	.5	-	.1	8.4	.6	6.1	2.1	9.5	2.5	3.3
3369	Miscellaneous nonferrous metal castings.	.2	.2	.5	.1	.4	1.5	.8	10.0	13.7	-
33692	Zinc and zinc base alloy castings.....	-	-	1.0	-	-	2.6	-	16.0	1.4	-
339	Miscellaneous primary metal products....	.4	.4	.4	3.3	-	5.3	.2	13.4	6.9	1.1
3391	Iron and steel forgings.....	.4	.4	.4	3.3	-	5.3	.2	13.0	7.2	1.1
33911	Iron and steel forgings.....	.4	.4	.4	3.3	-	5.3	.2	13.0	7.2	1.1
34	Fabricated metal products.....	.1	.2	.4	2.9	.7	5.0	1.9	21.7	4.2	4.5
341	Metal cans.....	.1	.1	.3	2.0	.8	3.5	1.5	16.6	5.3	10.2
3411	Metal cans.....	.1	.1	.3	2.0	.8	3.5	1.5	16.6	5.3	10.2
34111	Metal cans.....	.1	.1	.3	2.0	.8	3.5	1.5	16.6	5.3	10.2
342	Cutlery, hand tools, and general hardware.....	-	.2	.9	3.0	1.8	2.7	2.3	9.2	1.0	10.3
3423	Hand and edge tools (except machine tools and hand saws).....	-	-	-	1.9	5.1	3.1	.4	14.1	-	21.0
34239	Hand tools, n.e.c. (machine tools and hand saws and blades).....	-	-	-	1.9	5.2	3.2	.4	14.1	-	21.1
3429	Miscellaneous hardware.....	-	.3	.6	6.6	.2	4.0	1.3	5.9	1.0	.4
344	Structural and miscellaneous metal products.....	-	.2	-	1.7	.7	2.3	1.2	28.7	2.1	3.7
3441	Structural metal products.....	-	-	-	1.6	1.5	2.8	.4	24.0	3.2	2.6
34411	Structural metal products, iron and steel.....	-	-	-	1.6	1.5	2.8	.4	24.0	3.2	2.6
345	Bolts, nuts, screws, rivets, washers, and other industrial fasteners.....	-	.5	.6	8.3	.2	14.1	1.8	13.2	3.2	2.2
3452	Bolts, nuts, screws, rivets, washers, and other industrial fasteners.....	-	.5	.6	8.3	.2	14.1	1.8	13.2	3.2	2.2
34529	Other industrial fasteners, including dowels, cotter pins, toggle and expan- sion bolts, etc.....	-	-	.4	9.4	.1	2.5	.3	11.7	8.2	2.0

See footnotes at end of table.

TABLE 4. Percent Distribution of Commodities, by Production Area of Destination: 1967--Continued

TCC code	Commodity	Percent distribution by production area ¹ of destination--Continued									Sampling variability code ³
		18 (STLO)	19 (ATLA)	20 (DALL)	21 (HOUS)	22 (DENV)	23 (SETL)	24 (SANF)	25 (LOSA)	All other	
	TONS OF SHIPMENTS--Continued										
325	Structural clay products.....	3.1	-	-	0.1	0.1	-	0.3	0.1	33.2	d
327	Concrete, gypsum, plaster, and plaster products.....	.6	-	-	-	-	-	-	-	37.8	d
32931	Gaskets, all types.....	.3	1.9	0.1	-	.3	0.4	3.3	3.5	43.9	c
33	Primary metal products.....	2.5	.2	.8	1.6	.3	.3	.9	.9	41.6	a
331	Steel works and rolling mill products..	2.6	.2	.7	1.6	.3	.3	.9	.8	40.7	a
3312	Primary iron and steel products (except coke-oven products).....	2.8	-	.7	1.8	.3	.3	1.0	.9	42.7	a
33123	Sheet and strip, iron and steel (except tin mill products).....	2.7	-	.8	.8	.1	.3	.4	.5	47.3	a
33124	Bars, bar shapes, and rods.....	1.1	-	.3	1.4	-	-	.2	.9	45.9	b
33127	Tin mill products.....	3.1	-	-	-	-	-	4.2	-	28.5	b
3315	Steel wire, nails, and spikes.....	1.2	5.5	.2	1.0	.9	-	-	.1	42.5	c
33155	Steel wire.....	1.7	-	.1	1.4	1.3	-	-	-	50.7	c
332	Iron and steel castings.....	2.0	-	2.8	1.4	-	-	1.0	-	50.0	d
3321	Iron and steel castings.....	2.0	-	2.8	1.4	-	-	1.0	-	50.0	d
33219	Iron and steel castings, n.e.c.....	2.0	-	2.8	1.4	-	-	1.0	-	50.0	d
333	Nonferrous metals primary smelter products (slab, ingot, pig, etc., and residues).....	2.4	-	-	.6	.2	-	-	2.3	49.6	d
3333	Primary zinc and zinc base alloys smelter products.....	5.0	-	-	-	-	-	-	-	58.8	d
335	Nonferrous metal basic shapes.....	2.2	.3	2.0	.1	.1	.5	.8	6.8	49.7	c
3369	Miscellaneous nonferrous metal castings	.8	-	.4	-	.8	-	-	.6	65.8	d
33692	Zinc and zinc base alloy castings.....	.4	-	-	-	1.6	-	-	1.1	75.2	d
339	Miscellaneous primary metal products...	1.9	-	1.8	.1	-	.6	-	.6	62.4	c
3391	Iron and steel forgings.....	2.0	-	1.0	.1	-	.6	-	.2	63.9	c
33911	Iron and steel forgings.....	2.0	-	1.0	.1	-	.6	-	.2	63.9	c
34	Fabricated metal products.....	1.8	.7	1.0	.7	.4	.4	.7	1.2	46.9	b
341	Metal cans.....	2.6	1.7	1.6	1.1	.1	.2	.5	1.7	46.6	a
3411	Metal cans.....	2.6	1.7	1.6	1.1	.1	.2	.5	1.7	46.6	a
34111	Metal cans.....	2.6	1.7	1.6	1.1	.1	.2	.5	1.7	46.6	a
342	Cutlery, hand tools, and general hardware.....	.7	.8	1.3	.4	1.2	6.1	1.9	8.0	43.0	d
3423	Hand and edge tools (except machine tools and hand saws).....	1.3	1.1	1.2	.7	.3	.1	1.0	4.2	38.2	d
34239	Hand tools, n.e.c. (machine tools and hand saws and blades).....	1.3	1.1	1.2	.7	.3	.1	1.0	4.2	37.9	d
3429	Miscellaneous hardware.....	.5	1.1	2.5	-	2.9	2.7	2.8	1.9	60.0	d
344	Structural and miscellaneous metal products.....	1.5	.5	-	.6	.2	-	.9	-	51.5	d
3441	Structural metal products.....	.1	-	.1	.6	.4	-	2.0	-	55.4	d
34411	Structural metal products, iron and steel.....	.1	-	.1	.6	.4	-	2.0	-	55.4	d
345	Bolts, nuts, screws, rivets, washers, and other industrial fasteners.....	2.8	.8	3.1	.1	-	.1	.4	.9	43.9	d
3452	Bolts, nuts, screws, rivets, washers, and other industrial fasteners.....	2.8	.8	3.1	.1	-	.1	.4	.9	43.9	d
34529	Other industrial fasteners, including dowels, cotter pins, toggle and expansion bolts, etc.....	.2	-	-	1.5	-	-	.1	2.9	44.8	d

See footnotes at end of table.

TABLE 4. Percent Distribution of Commodities, by Production Area of Destination: 1967 --Continued

TCC code	Commodity	Number	Percent distribution by production area ¹ of destination							
			Total	1 (BOST)	2 (HART)	3 (NYNY)	4 (N. NJ)	5 (PHIL)	6 (BALT)	7 (ALLN)
	TONS OF SHIPMENTS--Continued	(thousands of tons)								
346	Metal stampings.....	287	100.0	0.7	0.3	1.6	1.0	0.7	4.6	-
3461	Metal stampings.....	287	100.0	.7	.3	1.6	1.0	.7	4.6	-
34614	Metal closures.....	139	100.0	.7	.1	1.2	1.1	.7	7.0	-
34619	Metal stampings, n.e.c.....	42	100.0	1.6	.6	4.0	2.5	1.1	.1	0.1
348	Miscellaneous fabricated wire products..	123	100.0	.1	.8	1.8	-	3.0	1.8	-
3481	Miscellaneous fabricated wire products..	123	100.0	.1	.8	1.8	-	3.0	1.8	-
349	Miscellaneous fabricated metal products.	476	100.0	.4	.2	2.1	.6	.5	.3	.1
3494	Valves and pipe fittings (except plumbers' brass goods and fittings)....	76	100.0	.3	.4	3.0	1.5	.7	.2	.4
34941	Metal valves for piping, plumbing, and heating systems.....	36	100.0	.4	.9	5.7	2.3	.7	.3	.6
3499	Fabricated metal products, n.e.c.....	169	100.0	.9	.3	3.9	1.1	1.2	.9	-
34999	Fabricated metal products, n.e.c.....	153	100.0	.8	.3	3.9	.5	1.3	1.0	-
35	Machinery, except electrical.....	1,533	100.0	1.2	1.1	9.7	2.4	.9	.7	.2
351	Engines and turbines.....	255	100.0	-	3.4	.7	2.3	.2	-	-
3519	Miscellaneous internal combustion engines.....	255	100.0	-	3.4	.7	2.3	.2	-	-
35199	Internal combustion engines, except aircraft and automotive, n.e.c.....	244	100.0	-	3.5	.6	2.4	.1	-	-
353	Construction, mining, and materials handling machinery and equipment.....	616	100.0	1.1	-	17.2	2.5	.5	1.0	.1
3531	Construction machinery and equipment....	460	100.0	1.0	-	21.8	2.2	.2	1.3	-
35313	Parts and attachments for tracklaying and contractors' off-highway wheel and tracted tractors.....	40	100.0	.3	-	17.7	.6	2.4	1.4	-
35314	Power cranes, draglines, shovels, tractor-shovel-loaders and parts.....	22	100.0	-	-	34.0	2.5	-	.1	-
3532	Mining machinery, equipment, and parts (except oil field machinery and equipment).....	15	100.0	.1	-	.7	-	-	-	3.1
3535	Conveyors and conveying equipment (except hoists and farm elevators)....	46	100.0	.8	-	2.9	1.4	1.8	.1	.1
35351	Conveyors and conveying equipment and parts, except hoists and farm elevators.....	46	100.0	.8	-	2.9	1.4	1.8	.1	.1
3537	Industrial trucks, tractors, trailers, stackers, and metal skids, pallets, and platforms.....	53	100.0	3.1	-	7.5	8.1	2.6	1.1	-
35371	Industrial trucks, tractors, trailers, and stackers.....	50	100.0	3.2	-	8.0	8.5	2.1	1.2	-
354	Metalworking machinery and equipment....	120	100.0	2.3	.9	10.9	4.1	3.1	.3	.1
3544	Special dies and tools, die sets, jigs, fixtures, and industrial molds and patterns.....	51	100.0	.9	-	20.3	6.3	-	-	-
35441	Special dies and tools, die sets, jigs, and fixtures.....	51	100.0	.9	-	20.3	6.3	-	-	-
3545	Machine tool accessories, measuring tools, and measuring devices.....	2	100.0	1.2	5.4	3.7	1.2	.9	.2	.3
35451	Small cutting tools for machine tools and metalworking machinery.....	2	100.0	1.2	5.4	3.7	1.2	.9	.2	.3
3548	Metalworking machinery (except machine tools).....	31	100.0	.3	1.1	2.4	.4	2.0	.6	-
355	Special industry machinery (except metalworking machinery).....	44	100.0	1.1	.1	10.9	.8	2.0	.1	1.0
3559	Miscellaneous special industry machinery.....	14	100.0	.7	.1	9.7	.5	2.3	-	.7

See footnotes at end of table.

TABLE 4. Percent Distribution of Commodities, by Production Area of Destination: 1967--Continued

TCC code	Commodity	Percent distribution by production area ¹ of destination--Continued									
		8 (HARR)	9 (SYRA)	10 (BUFF)	11 (CLEV)	12 (PITT)	13 (DETR)	14 (CINC)	15 ² (CHIC)	16 (MILW)	17 (M-SP)
	TONS OF SHIPMENTS--Continued										
346	Metal stampings.....	0.3	0.1	0.4	0.6	0.2	8.5	2.8	5.5	19.1	2.1
3461	Metal stampings.....	.3	.1	.4	.6	.2	8.5	2.8	5.5	19.1	2.1
34614	Metal closures.....	.5	-	-	.1	-	1.3	5.3	3.9	4.3	3.5
34619	Metal stampings, n.e.c.....	-	.4	1.4	1.8	1.2	4.2	.8	14.5	.1	1.5
348	Miscellaneous fabricated wire products.	.2	-	.1	1.9	1.5	7.0	.1	8.0	1.3	2.4
3481	Miscellaneous fabricated wire products.	.2	-	.1	1.9	1.5	7.0	.1	8.0	1.3	2.4
349	Miscellaneous fabricated metal products	-	.5	1.2	3.8	1.0	3.5	4.1	34.2	2.1	3.3
3494	Valves and pipe fittings (except plumbers' brass goods and fittings)...	-	1.0	.5	2.3	1.6	5.1	1.9	10.3	2.2	2.5
34941	Metal valves for piping, plumbing, and heating systems.....	-	2.0	.7	3.3	1.4	2.0	2.1	2.0	.4	1.4
3499	Fabricated metal products, n.e.c.....	-	1.0	.8	1.4	2.1	6.7	.7	40.2	2.7	.6
34999	Fabricated metal products, n.e.c.....	-	1.0	.9	.8	2.4	7.4	.8	39.4	2.7	.5
35	Machinery, except electrical.....	.6	.2	1.1	1.0	.6	4.3	.7	19.6	2.4	.7
351	Engines and turbines.....	2.7	.1	-	.2	.4	2.5	.2	31.6	3.5	.2
3519	Miscellaneous internal combustion engines.....	2.7	.1	-	.2	.4	2.5	.2	31.6	3.5	.2
35199	Internal combustion engines, except aircraft and automotive, n.e.c.....	2.9	.1	-	.2	.4	2.5	.1	33.0	3.7	.2
353	Construction, mining, and materials handling machinery and equipment.....	.2	.1	1.2	.6	.6	4.0	.1	18.3	1.7	.5
3531	Construction machinery and equipment...	.2	.1	-	.7	.4	3.6	.1	21.2	1.1	.3
35313	Parts and attachments for tracklaying and contractors' off-highway wheel and tracted tractors.....	.9	-	-	-	-	.4	.4	5.3	7.4	-
35314	Power cranes, draglines, shovels, tractor-shovel-loaders and parts.....	-	.1	-	-	.2	.5	.4	.6	1.6	-
3532	Mining machinery, equipment, and parts (except oil field machinery and equipment).....	.4	-	.1	.2	.1	.3	-	1.4	16.6	.5
3535	Conveyors and conveying equipment (except hoists and farm elevators)....	-	.2	.6	.7	.8	1.3	.4	13.2	3.0	1.3
35351	Conveyors and conveying equipment and parts, except hoists and farm elevators.....	-	.2	.6	.7	.8	1.3	.4	13.2	3.0	1.3
3537	Industrial trucks, tractors, trailers, stackers, and metal skids, pallets, and platforms.....	-	-	-	.4	2.4	14.3	-	8.3	2.0	2.6
35371	Industrial trucks, tractors, trailers, and stackers.....	-	-	-	.4	2.5	15.2	-	8.8	2.2	2.7
354	Metalworking machinery and equipment...	.2	.4	.7	3.5	.9	8.2	1.5	14.4	6.2	.4
3544	Special dies and tools, die sets, jigs, fixtures, and industrial molds and patterns.....	.1	.4	.1	6.2	.6	12.3	.9	21.1	11.0	.2
35441	Special dies and tools, die sets, jigs, and fixtures.....	.1	.4	.1	6.2	.6	12.3	.9	21.1	11.0	.2
3545	Machine tool accessories, measuring tools, and measuring devices.....	1.6	1.0	6.1	3.3	.2	5.2	.5	3.4	2.4	.3
35451	Small cutting tools for machine tools and metalworking machinery.....	1.6	1.0	6.1	3.3	.2	5.2	.5	3.4	2.4	.3
3548	Metalworking machinery (except machine tools).....	.5	.8	.9	.6	1.4	2.7	.9	16.2	4.9	.9
355	Special industry machinery (except metalworking machinery).....	-	.3	.4	1.5	.3	.7	.9	11.4	2.2	1.1
3559	Miscellaneous special industry machinery.....	-	-	-	3.3	.9	-	1.5	5.1	.9	-

See footnotes at end of table.

TABLE 4. Percent Distribution of Commodities, by Production Area of Destination: 1967--Continued

TCC code	Commodity	Percent distribution by production area ¹ of destination--Continued									Sampling vari- ability code
		18 (STLO)	19 (ATLA)	20 (DALL)	21 (HOUS)	22 (DENV)	23 (SETL)	24 (SANF)	25 (LOSA)	All other	
	TONS OF SHIPMENTS--Continued										
346	Metal stampings.....	3.5	0.5	2.3	0.6	0.7	0.6	0.4	3.0	39.9	b
3461	Metal stampings.....	3.5	.5	2.3	.6	.7	.6	.4	3.0	39.9	b
34614	Metal closures.....	3.0	.8	4.3	1.1	1.4	-	.1	3.8	55.8	d
34619	Metal stampings, n.e.c.....	1.5	-	1.4	.2	.4	.8	1.7	1.5	56.6	d
348	Miscellaneous fabricated wire products.	.1	.1	.1	1.6	.2	-	-	.2	67.7	b
3481	Miscellaneous fabricated wire products.	.1	.1	.1	1.6	.2	-	-	.2	67.7	b
349	Miscellaneous fabricated metal products	.7	.4	.5	1.1	1.5	.2	.3	.9	36.5	d
3494	Valves and pipe fittings (except plumbers' brass goods and fittings)...	.3	1.4	.6	6.9	6.9	1.4	.7	2.3	45.6	d
34941	Metal valves for piping, plumbing, and heating systems.....	.1	2.0	.9	3.2	13.3	.1	.7	1.3	52.2	d
3499	Fabricated metal products, n.e.c.....	.2	.5	1.1	-	1.1	-	.6	1.6	30.4	d
34999	Fabricated metal products, n.e.c.....	.3	.6	.8	-	1.2	-	.3	1.7	31.4	d
35	Machinery, except electrical.....	.7	1.0	1.1	.5	.5	.7	1.0	3.0	44.1	a
351	Engines and turbines.....	-	.4	-	.1	1.1	.1	.2	.2	49.9	a
3519	Miscellaneous internal combustion engines.....	-	.4	-	.1	1.1	.1	.2	.2	49.9	a
35199	Internal combustion engines, except aircraft and automotive, n.e.c.....	-	.5	-	-	.1	.1	.2	.1	49.3	b
353	Construction, mining, and materials handling machinery and equipment.....	.3	.8	.3	.4	.4	.1	.7	1.1	46.2	c
3531	Construction machinery and equipment...	-	.6	.3	-	.1	-	.8	1.2	42.8	c
35313	Parts and attachments for tracklaying and contractors' off-highway wheel and tracted tractors.....	-	.7	.1	-	-	-	5.4	2.9	54.1	c
35314	Power cranes, draglines, shovels, tractor-shovel-loaders and parts.....	.4	-	-	.1	-	-	.3	16.2	43.0	d
3532	Mining machinery, equipment, and parts (except oil field machinery and equipment).....	-	.1	-	-	-	-	.1	-	76.3	d
3535	Conveyors and conveying equipment (except hoists and farm elevators)....	2.7	5.0	.1	1.0	.1	.5	.2	2.4	59.4	c
35351	Conveyors and conveying equipment and parts, except hoists and farm elevators.....	2.7	5.0	.1	1.0	.1	.5	.2	2.4	59.4	c
3537	Industrial trucks, tractors, trailers, stackers, and metal skids, pallets, and platforms.....	.5	.1	.2	3.6	3.8	-	.1	.2	39.1	b
35371	Industrial trucks, tractors, trailers, and stackers.....	.5	.1	.3	3.8	4.0	-	.1	.2	36.2	b
354	Metalworking machinery and equipment...	.9	.7	2.0	1.1	.7	.3	1.6	8.6	26.0	c
3544	Special dies and tools, die sets, jigs, fixtures, and industrial molds and patterns.....	.3	.4	.1	.8	.2	-	-	4.3	13.5	d
35441	Special dies and tools, die sets, jigs, and fixtures.....	.3	.4	.1	.8	.2	-	-	4.3	13.5	d
3545	Machine tool accessories, measuring tools, and measuring devices.....	1.9	.1	3.4	2.8	-	.3	1.6	5.4	47.6	d
35451	Small cutting tools for machine tools and metalworking machinery.....	1.9	.1	3.4	2.8	-	.3	1.6	5.4	47.6	d
3548	Metalworking machinery (except machine tools).....	1.8	.5	2.8	.8	1.5	.6	4.0	7.1	44.3	c
355	Special industry machinery (except metalworking machinery).....	.4	-	.5	1.8	.6	.7	2.0	1.9	57.3	c
3559	Miscellaneous special industry machinery.....	.1	-	.8	5.3	1.7	-	.2	1.9	64.3	d

See footnotes at end of table.

TABLE 4. Percent Distribution of Commodities, by Production Area of Destination: 1967 --Continued

TCC code	Commodity	Number	Percent distribution by production area ¹ of destination							
			Total	1 (BOST)	2 (HART)	3 (NYNY)	4 (N. NJ)	5 (PHIL)	6 (BALT)	7 (ALLN)
	TONS OF SHIPMENTS--Continued	thousands of tons)								
356	General industrial machinery and equipment.....	234	100.0	2.5	0.4	4.5	2.1	2.0	0.5	1.1
35611	Industrial pumps, including hydraulic fluid power pumps and motors.....	64	100.0	4.1	.5	2.7	6.2	2.3	1.3	.5
357	Office, computing, and accounting machines.....	53	100.0	.4	4.6	5.5	1.9	1.1	.5	.1
3579	Miscellaneous office machines.....	36	100.0	.1	2.9	4.7	1.9	1.3	.7	-
35791	Addressing, dictating, and duplicating machines.....	36	100.0	.1	2.9	4.6	1.9	1.3	.7	-
358	Service industry machines.....	60	100.0	3.7	4.9	2.9	2.5	.1	-	.2
359	Miscellaneous machinery and parts (except electrical).....	34	100.0	1.1	1.0	3.8	7.5	1.1	2.7	-
3599	Miscellaneous machinery and parts (except electrical).....	34	100.0	1.1	1.0	3.8	7.5	1.1	2.7	-
35999	Machinery and parts, n.e.c. (except electrical).....	33	100.0	1.0	1.1	4.0	7.9	1.0	2.8	-
36	Electrical machinery and equipment.....	902	100.0	1.8	.9	3.6	4.0	2.4	.6	.2
361	Electrical transmission and distribution equipment.....	97	100.0	4.3	-	9.3	3.0	.7	.2	.6
3621	Motors and generators.....	1	100.0	-	2.0	4.1	-	-	-	-
36211	Motors.....	1	100.0	-	2.8	5.8	-	-	-	-
363	Household appliances.....	207	100.0	2.0	.5	3.1	7.0	.7	.6	.3
364	Electric lighting and wiring equipment..	65	100.0	.3	.1	2.2	.6	.9	.2	.1
3642	Lighting fixtures.....	35	100.0	.5	.2	2.3	.9	1.5	.3	-
365	Radio and television receiving sets (except communication types), phonographs, and phonograph records.....	167	100.0	3.4	.5	3.0	6.1	10.1	2.0	.2
3651	Radio and television receiving sets (except communication types), and phonographs.....	167	100.0	3.4	.5	3.0	6.1	10.1	2.0	.2
36511	Household and automotive radios, radio-phonograph combinations, and phonographs.....	83	100.0	4.2	.5	4.0	7.2	15.7	3.9	-
36512	Household television receivers and television combinations.....	84	100.0	2.5	.5	2.1	5.0	4.5	.2	.3
3662	Radio and television transmitting, signaling, and detection equipment and apparatus.....	7	100.0	1.1	-	4.0	.6	1.8	.6	-
36621	Radio and television transmitting, signaling, and detection equipment and apparatus.....	7	100.0	1.1	-	4.0	.6	1.8	.6	-
367	Electronic components or accessories....	111	100.0	.3	2.7	4.0	4.9	.6	.2	-
3679	Miscellaneous electronic components and accessories.....	52	100.0	.7	.3	5.1	.8	1.3	.4	.1
36791	Miscellaneous electronic components and accessories.....	52	100.0	.7	.3	5.1	.8	1.3	.4	.1
369	Miscellaneous electrical machinery, equipment, and supplies.....	133	100.0	.3	1.2	2.8	.1	1.0	.2	-
3699	Electrical machinery, equipment, and supplies, n.e.c.....	10	100.0	.1	-	.8	.1	.1	.7	-
36999	Electrical machinery, equipment, and supplies, n.e.c.....	10	100.0	-	.7	.1	.1	.1	.7	-

See footnotes at end of table.

TABLE 4. Percent Distribution of Commodities, by Production Area of Destination: 1967--Continued

TCC code	Commodity	Percent distribution by production area ¹ of destination--Continued									
		8 (HARR)	9 (SYRA)	10 (BUFF)	11 (CLEV)	12 (PITT)	13 (DETR)	14 (CINC)	15 ² (CHIC)	16 (MILW)	17 (M-SP)
	TONS OF SHIPMENTS--Continued										
356	General industrial machinery and equipment.....	0.3	0.4	1.3	0.9	1.0	6.6	1.9	16.1	1.6	0.6
35611	Industrial pumps, including hydraulic fluid power pumps and motors.....	.1	.6	4.2	.7	1.8	4.9	1.1	6.3	.3	.5
357	Office, computing, and accounting machines.....	.3	.1	1.6	3.2	.2	4.7	2.3	2.3	.5	2.2
3579	Miscellaneous office machines.....	.1	.1	1.9	1.1	.1	6.7	3.0	1.3	-	2.0
35791	Addressing, dictating, and duplicating machines.....	.1	.1	1.9	1.1	.1	6.8	3.0	1.3	-	2.0
358	Service industry machines.....	.6	.8	.1	.8	.5	4.3	.7	1.9	1.6	2.3
359	Miscellaneous machinery and parts (except electrical).....	-	.3	4.0	3.7	2.1	10.4	2.7	7.5	4.6	1.2
3599	Miscellaneous machinery and parts (except electrical).....	-	.3	4.0	3.7	2.1	10.4	2.7	7.5	4.6	1.2
35999	Machinery and parts, n.e.c. (except electrical).....	-	.2	4.1	3.8	2.1	10.9	2.8	7.2	4.5	1.0
36	Electrical machinery and equipment.....	.4	1.0	.9	1.8	2.3	3.2	.9	9.7	2.3	1.8
361	Electrical transmission and distribution equipment.....	-	1.0	.3	.3	4.5	4.7	.5	2.5	.2	2.1
3621	Motors and generators.....	-	4.7	11.3	1.5	-	19.5	-	5.3	-	-
36211	Motors.....	-	-	16.0	.9	-	4.1	-	.1	-	-
363	Household appliances.....	.6	-	1.1	1.7	3.3	3.5	2.2	6.0	1.7	.6
364	Electric lighting and wiring equipment.....	.7	.9	.8	9.0	.7	6.2	.9	7.1	.6	6.1
3642	Lighting fixtures.....	.9	1.2	1.5	15.4	1.1	6.7	1.5	7.4	.7	3.3
365	Radio and television receiving sets (except communication types), phonographs, and phonograph records.....	.9	2.3	1.5	2.2	1.1	1.4	.9	6.7	.4	1.2
3651	Radio and television receiving sets (except communication types), and phonographs.....	.9	2.3	1.5	2.2	1.1	1.4	.9	6.7	.4	1.2
36511	Household and automotive radios, radio-phonograph combinations, and phonographs.....	.1	.1	.6	3.1	.6	.9	.3	3.5	.5	1.2
36512	Household television receivers and television combinations.....	1.7	4.5	2.4	1.5	1.5	1.9	1.6	9.9	.4	1.1
3662	Radio and television transmitting, signaling, and detection equipment and apparatus.....	.3	.6	.7	.1	.6	1.4	.1	2.5	.7	.2
36621	Radio and television transmitting, signaling, and detection equipment and apparatus.....	.3	.6	.7	.1	.6	1.4	.1	2.5	.7	.2
367	Electronic components or accessories...	-	3.0	.2	.3	5.4	3.0	.1	26.0	.3	2.0
3679	Miscellaneous electronic components and accessories.....	-	1.1	.4	.5	4.0	.8	.2	27.1	.4	.3
36791	Miscellaneous electronic components and accessories.....	-	1.1	.4	.5	4.0	.8	.2	27.1	.4	.3
369	Miscellaneous electrical machinery, equipment, and supplies.....	-	-	.1	.1	-	4.6	.4	19.4	11.6	3.4
3699	Electrical machinery, equipment, and supplies, n.e.c.....	.1	.1	.6	.8	-	.4	.4	2.3	-	2.0
36999	Electrical machinery, equipment, and supplies, n.e.c.....	.1	.1	.6	.8	-	.4	.4	2.3	-	2.0

See footnotes at end of table.

TABLE 4. Percent Distribution of Commodities, by Production Area of Destination: 1967--Continued

TCC code	Commodity	Percent distribution by production area ¹ of destination--Continued									Sampling variability code ³
		18 (STLO)	19 (ATLA)	20 (DALL)	21 (HOUS)	22 (DENV)	23 (SETL)	24 (SANF)	25 (LOSA)	All other	
	TONS OF SHIPMENTS--Continued										
356	General industrial machinery and equipment.....	2.1	2.3	3.1	0.4	0.5	1.2	1.5	6.3	38.8	d
35611	Industrial pumps, including hydraulic fluid power pumps and motors.....	1.9	2.4	1.9	.6	1.3	.2	.5	1.6	51.5	d
357	Office, computing, and accounting machines.....	1.4	.7	1.5	1.5	.8	12.4	.6	8.6	41.0	d
3579	Miscellaneous office machines.....	.2	.3	.9	1.9	1.1	18.1	.5	3.4	45.7	d
35791	Addressing, dictating, and duplicating machines.....	.1	.3	.9	1.9	1.2	18.3	.5	3.4	45.5	d
358	Service industry machines.....	2.4	2.6	4.6	2.2	.3	.2	6.2	4.1	49.5	d
359	Miscellaneous machinery and parts (except electrical).....	3.5	1.9	2.5	.8	.2	.1	2.5	2.9	31.9	b
3599	Miscellaneous machinery and parts (except electrical).....	3.5	1.9	2.5	.8	.2	.1	2.5	2.9	31.9	b
35999	Machinery and parts, n.e.c. (except electrical).....	3.5	2.0	2.6	.6	.1	-	2.6	2.9	31.3	c
36	Electrical machinery and equipment.....	3.5	1.3	1.6	.9	.8	.5	2.2	5.9	45.5	a
361	Electrical transmission and distribution equipment.....	.3	.2	5.0	3.8	2.0	.9	1.9	11.7	40.0	c
3621	Motors and generators.....	-	-	2.1	-	2.5	-	1.9	.4	44.7	d
36211	Motors.....	-	-	3.0	-	3.5	-	2.7	.5	60.6	d
363	Household appliances.....	.6	2.3	3.5	-	1.6	.6	.6	4.6	51.3	a
364	Electric lighting and wiring equipment.....	1.6	.3	.8	.4	1.0	.2	1.8	3.1	53.4	c
3642	Lighting fixtures.....	2.2	.5	1.3	.5	1.6	.3	2.4	4.4	41.4	d
365	Radio and television receiving sets (except communication types), phonographs, and phonograph records.....	2.2	2.8	.5	.4	.6	.3	2.7	3.4	43.2	b
3651	Radio and television receiving sets (except communication types), and phonographs.....	2.2	2.8	.5	.4	.6	.3	2.7	3.4	43.2	b
36511	Household and automotive radios, radio-phonograph combinations, and phonographs.....	1.1	4.9	.8	.2	.7	.1	.6	3.9	41.3	c
36512	Household television receivers and television combinations.....	3.2	.7	.2	.6	.5	.6	4.7	3.0	44.9	b
3662	Radio and television transmitting, signaling, and detection equipment and apparatus.....	.2	.7	.2	2.0	.2	.4	14.3	4.1	62.6	d
36621	Radio and television transmitting, signaling, and detection equipment and apparatus.....	.2	.7	.2	2.0	.2	.4	14.3	4.1	62.6	d
367	Electronic components or accessories.....	.1	.2	.1	.4	-	.1	5.1	8.4	32.6	a
3679	Miscellaneous electronic components and accessories.....	.2	.3	.2	.8	.1	.1	10.8	14.4	29.6	c
36791	Miscellaneous electronic components and accessories.....	.2	.3	.2	.8	.1	.1	10.8	14.4	29.6	c
369	Miscellaneous electrical machinery, equipment, and supplies.....	1.4	1.3	.5	.1	.2	.3	.8	3.5	46.7	d
3699	Electrical machinery, equipment, and supplies, n.e.c.....	.4	.1	-	-	-	-	1.4	.4	89.3	d
36999	Electrical machinery, equipment, and supplies, n.e.c.....	.4	.1	-	-	-	-	1.4	.4	89.3	d

See footnotes at end of table.

TABLE 4. Percent Distribution of Commodities, by Production Area of Destination: 1967 --Continued

TCC code	Commodity	Number	Percent distribution by production area ¹ of destination							
			Total	1 (BOST)	2 (HART)	3 (NYNY)	4 (N. NJ)	5 (PHIL)	6 (BALT)	7 (ALLN)
	TONS OF SHIPMENTS--Continued	(thousands of tons)								
37	Transportation equipment.....	1,457	100.0	0.2	-	0.1	1.9	0.8	0.6	0.2
371	Motor vehicle and motor vehicle equipment.....	941	100.0	.4	-	.1	2.4	.9	.8	-
3714	Motor vehicle parts and accessories....	749	100.0	.4	-	.1	3.0	1.2	1.0	.1
374	Railroad equipment.....	493	100.0	-	-	-	1.0	.5	-	.5
3742	Railroad and street cars.....	446	100.0	-	-	-	.2	.5	-	.6
37428	Parts and accessories for railroad and street cars, except wheels.....	246	100.0	.1	-	.1	.4	.2	-	1.1
38	Instruments, photographic goods, optical goods, watches, and clocks....	94	100.0	1.0	0.5	4.2	2.0	2.2	.7	.2
382	Measuring, controlling, and indicating instruments.....	29	100.0	1.1	1.0	6.0	1.4	3.6	.8	.7
386	Photographic equipment and supplies....	33	100.0	1.0	.5	3.8	2.3	.9	1.1	-
3861	Photographic equipment and supplies....	33	100.0	1.0	.5	3.8	2.3	.9	1.1	-
39	Miscellaneous products of manufacturing	262	100.0	3.5	.8	6.4	1.0	1.7	.7	.7
3999	Manufactured products, n.e.c.....	22	100.0	.5	-	5.2	1.8	1.8	.4	-
	TON-MILES OF SHIPMENTS	(millions of ton-miles)								
	Production Area 15, total.....	17,103	100.0	1.3	.5	2.1	2.6	1.3	1.0	.1
20	Food and kindred products.....	3,330	100.0	1.5	.4	2.1	5.4	1.7	1.1	.2
201	Meat, poultry, and small game; fresh, chilled or frozen.....	255	100.0	4.1	.8	8.7	5.5	2.0	.5	.1
2012	Meat, fresh frozen.....	10	100.0	3.1	-	10.7	-	17.6	-	-
2013	Meat products.....	165	100.0	.9	.2	1.7	2.9	1.0	.8	.1
20132	Meats and sausage, cooked, cured, dried, smoked, or salted.....	39	100.0	3.6	.3	1.0	7.6	4.0	3.2	.2
203	Canned and preserved fruits, vegetables, and seafoods.....	527	100.0	1.7	.3	1.3	1.8	1.0	.3	.1
2033	Canned fruits and vegetables.....	121	100.0	3.6	-	2.7	1.5	1.2	.9	-
2037	Frozen fruits, vegetables, fruit juices, and specialties.....	112	100.0	2.2	.5	2.5	3.4	1.6	.5	.4
20374	Frozen prepared food and soups (except seafoods).....	107	100.0	2.3	.5	2.6	3.6	1.5	.4	.4
204	Grain mill products.....	1,141	100.0	1.2	.6	2.5	2.9	1.9	.1	.5
2042	Prepared feed for animals, fish, and fowls (except hay, straw, or related products).....	276	100.0	2.9	-	2.3	4.6	2.3	-	.1
20421	Prepared feed for animals, fish, or fowls (except canned).....	181	100.0	-	-	1.2	-	-	-	.2
207	Confectionery and related products....	529	100.0	1.4	.4	1.1	11.7	1.8	3.6	-
2071	Confectionery and related products....	529	100.0	1.4	.4	1.1	11.7	1.8	3.6	-
20711	Candy (bars, bulk, packaged).....	324	100.0	2.1	.6	1.7	2.4	2.6	5.5	-
20719	Confectionery and related products, n.e.c.....	83	100.0	.4	.1	.7	5.1	1.2	1.5	-
208	Beverages and flavoring extracts.....	445	100.0	1.4	.4	.8	.3	.5	-	-
209	Miscellaneous food preparations and kindred products.....	398	100.0	.9	.2	.7	15.1	2.9	2.8	-
2099	Miscellaneous food preparations.....	121	100.0	3.0	-	2.4	4.7	1.7	-	-
20999	Food preparations, n.e.c.....	72	100.0	2.0	-	2.9	2.0	2.8	-	-
23	Apparel, including knit apparel, and other finished textile products.....	15	100.0	1.8	.8	8.7	.0	2.3	.8	.3

See footnotes at end of table.

TABLE 4. Percent Distribution of Commodities, by Production Area of Destination: 1967--Continued

TCC code	Commodity	Percent distribution by production area ¹ of destination--Continued									
		8 (HARR)	9 (SYRA)	10 (BUFF)	11 (CLEV)	12 (PITT)	13 (DETR)	14 (CINC)	15 ² (CHIC)	16 (MILW)	17 (M-SP)
	TONS OF SHIPMENTS--Continued										
37	Transportation equipment.....	-	-	0.4	2.3	0.5	15.3	0.2	8.6	1.4	1.3
371	Motor vehicles and motor vehicle equipment.....	-	-	.5	3.2	.1	21.1	.2	2.8	1.1	2.0
3714	Motor vehicle parts and accessories....	-	-	.7	4.0	.1	25.9	-	.5	.1	2.0
374	Railroad equipment.....	-	-	.2	.7	1.0	4.9	.1	20.0	2.2	-
3742	Railroad and street cars.....	-	-	.2	.7	1.1	3.9	.2	21.8	2.5	-
37428	Parts and accessories for railroad and street cars, except wheels.....	-	-	.4	.6	1.3	1.0	-	21.5	.3	-
38	Instruments, photographic goods, optical goods, watches, and clocks....	0.4	0.3	2.5	4.9	.8	9.2	2.0	3.8	2.3	1.3
382	Measuring, controlling, and indicating instruments.....	-	.7	7.6	1.4	.5	8.4	3.3	1.0	1.7	.6
386	Photographic equipment and supplies....	.1	.2	.1	.5	.3	6.8	.5	6.4	1.9	1.9
3861	Photographic equipment and supplies....	.1	.2	.1	.5	.3	6.8	.5	6.4	1.9	1.9
39	Miscellaneous products of manufacturing	1.2	.1	1.7	1.9	1.5	4.4	.3	11.1	3.8	1.4
3999	Manufactured products, n.e.c.....	12.3	.2	.2	5.5	2.4	.3	1.6	33.2	.5	.2
	TON-MILES OF SHIPMENTS										
	Production Area 15, total.....	.4	.4	.9	1.8	.8	3.9	1.0	2.7	1.5	3.4
20	Food and kindred products.....	1.3	1.3	2.2	1.8	.8	1.5	.8	.4	.5	2.1
201	Meat, poultry, and small game; fresh, chilled or frozen.....	2.1	.8	1.1	1.3	.4	1.1	1.0	.3	-	.2
2012	Meat, fresh frozen.....	-	-	6.7	19.5	2.3	-	.8	-	-	-
2013	Meat products.....	2.9	1.2	.3	.4	.4	1.0	1.1	.2	-	.4
20132	Meats and sausages, cooked, cured, dried, smoked, or salted.....	.1	.8	.7	.8	1.6	3.7	1.6	.1	.1	1.0
203	Canned and preserved fruits, vege- tables, and seafoods.....	.4	1.3	1.0	2.5	.9	1.1	.6	.3	.5	6.3
2033	Canned fruits and vegetables.....	1.6	5.5	2.1	7.6	1.8	.8	-	.3	.2	3.9
2037	Frozen fruits, vegetables, fruit juices, and specialties.....	-	.1	.4	2.4	1.0	.8	1.6	.5	.7	.9
20374	Frozen prepared food and soups (except seafoods).....	-	.2	.4	2.0	.5	.6	1.7	.5	.7	.2
204	Grain mill products.....	2.9	2.6	2.5	1.6	.6	1.7	.9	.4	.5	1.9
2042	Prepared feed for animals, fish, and fowls (except hay, straw, or related products).....	2.2	7.6	4.1	3.0	.9	2.0	.8	-	.1	.6
20421	Prepared feed for animals, fish, or fowls (except canned).....	.1	10.8	2.8	3.3	-	.7	.1	-	.2	.7
207	Confectionery and related products....	.2	.4	3.6	1.2	1.1	1.5	.6	.2	.1	1.2
2071	Confectionery and related products....	.2	.4	3.6	1.2	1.1	1.5	.6	.2	.1	1.2
20711	Candy (bars, bulk, packaged).....	.3	.5	2.4	1.3	1.3	.6	.9	.1	.2	1.5
20719	Confectionery and related products, n.e.c.....	-	.2	13.2	1.3	1.3	4.3	.1	1.0	.1	1.5
208	Beverages and flavoring extracts.....	.1	.3	1.8	1.4	.7	1.5	.1	.7	.7	.6
209	Miscellaneous food preparations and kindred products.....	-	.1	1.3	2.6	1.2	1.4	1.7	.4	.7	1.2
2099	Miscellaneous food preparations.....	-	.5	3.3	1.2	.2	1.4	.9	.5	.1	1.2
20999	Food preparations, n.e.c.....	-	.4	3.5	1.8	.1	.9	1.5	-	.1	.8
23	Apparel, including knit apparel, and other finished textile products.....	.3	.1	.8	4.2	2.1	2.7	1.2	1.7	3.7	.1

See footnotes at end of table.

TABLE 4. Percent Distribution of Commodities, by Production Area of Destination: 1967--Continued

TCC code	Commodity	Percent distribution by production area ¹ of destination--Continued									Sampling variability code ³
		18 (STLO)	19 (ATLA)	20 (DALL)	21 (HOUS)	22 (DENV)	23 (SETL)	24 (SANF)	25 (LOSA)	All other	
	TONS OF SHIPMENTS--Continued										
37	Transportation equipment.....	4.5	2.6	1.2	0.1	0.2	1.8	1.6	3.4	50.9	b
371	Motor vehicles and motor vehicle equipment.....	5.2	3.8	1.8	-	.3	-	2.4	4.0	46.9	b
3714	Motor vehicle parts and accessories....	5.8	4.8	2.2	-	.4	-	2.1	5.0	40.6	b
374	Railroad equipment.....	3.5	.2	-	.1	-	5.1	-	2.5	57.5	d
3742	Railroad and street cars.....	3.9	.3	-	.1	-	5.6	-	.2	58.2	d
37428	Parts and accessories for railroad and street cars, except wheels.....	4.9	-	-	.1	-	9.6	.1	.3	58.0	d
38	Instruments, photographic goods, optical goods, watches, and clocks....	3.6	.6	1.7	.4	.8	.4	1.6	2.5	50.1	b
382	Measuring, controlling, and indicating instruments.....	.5	.4	2.9	.4	.2	.6	3.5	2.2	49.5	d
386	Photographic equipment and supplies....	8.7	.5	1.4	.4	2.1	.2	1.0	2.2	55.2	d
3861	Photographic equipment and supplies....	8.7	.5	1.4	.4	2.1	.2	1.0	2.2	55.2	d
39	Miscellaneous products of manufacturing	1.0	.3	1.0	.4	.4	.5	5.3	4.8	44.1	d
3999	Manufactured products, n.e.c.....	2.2	.2	-	.2	-	.4	.9	14.4	15.6	d
	TON-MILES OF SHIPMENTS										
	Production Area 15, total.....	2.2	1.0	2.3	2.9	1.8	2.4	4.8	6.0	50.9	-
20	Food and kindred products.....	2.7	1.6	2.3	2.3	1.2	1.8	4.5	4.8	53.7	-
201	Meat, poultry, and small game; fresh, chilled or frozen.....	.6	1.4	.8	.9	2.7	2.4	5.3	10.0	45.9	-
2012	Meat, fresh frozen.....	.8	-	6.5	-	-	-	-	1.4	30.6	-
2013	Meat products.....	.2	1.8	.9	.7	4.1	3.7	8.2	13.7	51.2	-
20132	Meats and sausage, cooked, cured, dried, smoked, or salted.....	.8	4.6	1.6	.9	2.1	4.9	5.6	13.3	35.8	-
203	Canned and preserved fruits, vegetables, and seafoods.....	7.7	.8	2.2	.9	.7	1.0	.8	13.0	51.5	-
2033	Canned fruits and vegetables.....	1.2	.6	3.1	-	2.4	1.9	-	.3	56.8	-
2037	Frozen fruits, vegetables, fruit juices, and specialties.....	3.0	.9	2.9	.1	.6	2.8	-	46.4	23.8	-
20374	Frozen prepared food and soups (except seafoods).....	3.1	.9	3.0	.1	.6	2.9	-	48.5	22.8	-
204	Grain mill products.....	1.8	-	1.2	1.1	.2	1.3	.5	2.7	65.9	-
2042	Prepared feed for animals, fish, and fowls (except hay, straw, or related products).....	.4	-	.3	.2	.2	-	.3	-	65.1	-
20421	Prepared feed for animals, fish, or fowls (except canned).....	.1	-	-	.3	-	-	.4	-	79.1	-
207	Confectionery and related products.....	.8	8.2	4.3	2.6	2.3	.6	8.6	4.0	38.5	-
2071	Confectionery and related products.....	.8	8.2	4.3	2.6	2.3	.6	8.6	4.0	38.5	-
20711	Candy (bars, bulk, packaged).....	.9	1.6	4.2	2.7	2.2	.2	13.7	6.3	44.2	-
20719	Confectionery and related products, n.e.c.....	.5	.4	9.1	1.0	3.7	2.7	1.1	1.0	48.5	-
208	Beverages and flavoring extracts.....	1.8	-	1.4	9.4	.4	6.1	10.9	.8	57.9	-
209	Miscellaneous food preparations and kindred products.....	2.8	.2	4.7	.2	2.9	.9	8.4	2.6	44.1	-
2099	Miscellaneous food preparations.....	.9	.6	3.0	.3	5.3	2.9	27.5	2.6	35.8	-
20999	Food preparations, n.e.c.....	1.4	1.1	4.8	.4	.6	1.2	46.0	2.5	22.3	-
23	Apparel, including knit apparel, and other finished textile products.....	1.3	.1	2.3	1.9	.5	.9	.2	10.8	49.5	-

See footnotes at end of table.

TABLE 4. Percent Distribution of Commodities, by Production Area of Destination: 1967 --Continued

TCC code	Commodity	Number	Percent distribution by production area ¹ of destination							
			Total	1 (BOST)	2 (HART)	3 (NYNY)	4 (N. NJ)	5 (PHIL)	6 (BALT)	7 (ALLN)
	TON-MILES OF SHIPMENTS--Continued	(millions of ton-miles)								
24	Lumber and wood products, except furniture.....	25	100.0	0.7	2.7	4.2	0.7	10.0	1.7	-
25	Furniture and fixtures.....	193	100.0	5.6	2.4	2.5	4.0	.3	.8	0.1
251	Household and office furniture.....	107	100.0	9.6	1.7	4.0	1.9	.4	.8	.1
2511	Chairs, rockers, benches, and stools...	16	100.0	-	-	3.8	-	-	-	-
25111	Chairs, rockers, benches, and stools, not upholstered.....	16	100.0	-	-	3.8	-	-	-	-
2512	Tables or desks.....	27	100.0	31.0	3.0	2.7	.7	.3	-	.4
25121	Tables or desks.....	27	100.0	31.0	3.0	2.7	.7	.3	-	.4
2517	Cabinets and cases.....	29	100.0	2.8	3.6	4.1	4.0	.5	-	-
254	Partitions, shelving, lockers, and office and store fixtures.....	67	100.0	.4	-	.5	1.5	.1	-	.1
2542	Metal partitions, shelving, lockers, and office and store fixtures.....	67	100.0	.4	-	.5	1.5	.1	-	.1
25421	Partitions.....	67	100.0	.4	-	.5	1.5	.1	-	.1
259	Miscellaneous furniture and fixtures...	18	100.0	.3	15.0	.9	25.3	1.0	3.8	-
26	Pulp, paper, and allied products.....	476	100.0	1.7	.7	2.5	3.1	1.4	.3	.1
26219	Paper, n.e.c.....	19	100.0	1.5	1.0	11.4	1.9	5.1	.1	.7
264	Converted paper and paperboard products (except containers and boxes).....	221	100.0	2.5	1.4	3.7	5.2	1.8	.5	-
2642	Envelopes (except stationery).....	27	100.0	.4	-	5.5	3.9	8.7	.1	-
26421	Envelopes (except stationery).....	27	100.0	.4	-	5.5	3.9	8.7	.1	-
26451	Office supplies.....	28	100.0	.8	3.6	2.9	11.8	.5	.6	.2
2649	Miscellaneous converted paper products and paperboard products.....	78	100.0	2.2	-	2.1	4.1	.8	.6	-
265	Containers, boxes and related products, paperboard, fiberboard, and pulpboard.	130	100.0	1.4	-	.2	1.5	1.4	.2	-
2651	Containers, boxes, baskets, pallets and skids, paperboard, fiberboard, and pulpboard.....	73	100.0	2.1	-	.3	2.6	2.3	-	-
26511	Containers and boxes, paperboard, fiberboard, and pulpboard.....	72	100.0	2.1	-	.3	2.6	2.3	-	-
2654	Sanitary food containers.....	45	100.0	.8	-	.2	.1	.4	.6	.1
28	Chemicals and allied products.....	2,448	100.0	1.4	.8	2.0	2.9	.8	1.1	-
281	Industrial chemicals.....	964	100.0	.6	-	2.8	3.3	.7	.8	-
2812	Basic inorganic chemical compounds (including chlorine, potassium, and sodium compounds).....	175	100.0	2.4	-	10.1	14.7	-	-	-
28123	Sodium compounds (except sodium alkalies).....	117	100.0	3.6	-	3.6	10.7	-	-	-
2818	Miscellaneous industrial organic chemicals.....	104	100.0	.6	-	7.1	5.4	2.1	6.9	.1
28185	Glycols and glycerins.....	20	100.0	-	-	28.9	-	10.3	-	-
2819	Miscellaneous industrial inorganic chemicals.....	116	100.0	-	-	1.7	-	2.6	-	-
28199	Industrial inorganic chemicals, n.e.c. (including reagent and high purity chemicals)	7	100.0	.2	-	26.9	.7	21.1	-	-
282	Plastic materials and plasticizers, synthetic resins, rubbers, and fibers.	132	100.0	1.2	.1	6.1	1.6	.2	1.3	-
2821	Plastic materials and plasticizers, synthetic resins, rubbers, and fibers.	132	100.0	1.2	.1	6.1	1.6	.2	1.3	-

See footnotes at end of table.

TABLE 4. Percent Distribution of Commodities, by Production Area of Destination: 1967--Continued

TCC code	Commodity	Percent distribution by production area ¹ of destination--Continued									
		8 (HARR)	9 (SYRA)	10 (BUFF)	11 (CLEV)	12 (PITT)	13 (DETR)	14 (CINC)	15 ² (CHIC)	16 (MILW)	17 (M-SP)
	TON-MILES OF SHIPMENTS--Continued										
24	Lumber and wood products, except furniture.....	0.1	-	-	2.6	0.7	0.7	2.3	2.8	2.0	0.9
25	Furniture and fixtures.....	4.1	0.3	0.8	2.2	.9	2.3	.4	.9	1.1	2.5
251	Household and office furniture.....	7.4	.3	.4	1.1	1.1	3.4	.3	1.3	.8	.7
2511	Chairs, rockers, benches, and stools...	-	-	-	.3	1.4	.4	.4	.4	.4	.2
25111	Chairs, rockers, benches, and stools, not upholstered.....	-	-	-	.3	1.4	.4	.4	.4	.4	.2
2512	Tables or desks.....	8.3	.5	.4	.5	.4	.4	.1	.3	.3	-
25121	Tables or desks.....	8.3	.5	.4	.5	.4	.4	.1	.3	.3	-
2517	Cabinets and cases.....	5.9	.7	.2	1.4	.3	2.2	.1	1.5	-	1.6
254	Partitions, shelving, lockers, and office and store fixtures.....	-	.1	.4	4.4	-	.9	.6	.4	1.8	1.2
2542	Metal partitions, shelving, lockers, and office and store fixtures.....	-	.1	.4	4.4	-	.9	.6	.4	1.8	1.1
25421	Partitions.....	-	.1	.4	4.4	-	.9	.6	.4	1.8	1.1
259	Miscellaneous furniture and fixtures...	-	1.1	4.3	.7	2.6	.2	-	-	.1	18.3
26	Pulp, paper, and allied products.....	.3	.1	.5	2.4	.4	2.0	1.0	3.2	1.3	2.8
26219	Paper, n.e.c.....	.1	.1	.1	.9	.2	5.4	1.1	.1	.2	4.5
264	Converted paper and paperboard products (except containers and boxes).....	.6	.2	.3	.9	.7	1.3	1.2	.9	1.4	2.9
2642	Envelopes (except stationery).....	1.4	.1	.2	2.2	-	.9	1.9	.5	1.6	2.7
26421	Envelopes (except stationery).....	1.4	.1	.2	2.2	-	.9	1.9	.5	1.6	2.7
26451	Office supplies.....	-	.2	.9	.5	1.3	.5	.2	.6	.4	.3
2649	Miscellaneous converted paper products and paperboard products.....	.4	.1	.2	.5	.5	1.5	1.9	.3	.8	1.1
265	Containers, boxes and related products, paperboard, fiberboard, and pulpboard.	.1	.1	1.2	2.0	.2	1.2	1.2	8.6	1.5	1.6
2651	Containers, boxes, baskets, pallets and skids, paperboard, fiberboard, and pulpboard.....	-	.1	1.9	-	.1	1.1	2.1	13.7	2.1	1.4
26511	Containers and boxes, paperboard, fiberboard, and pulpboard.....	-	.1	1.9	-	.1	1.1	2.1	13.7	2.1	1.4
2654	Sanitary food containers.....	.4	.1	.4	1.4	.5	.4	.2	1.8	.4	2.2
28	Chemicals and allied products.....	.1	.4	.8	1.6	.5	5.6	1.3	1.4	.6	2.3
281	Industrial chemicals.....	-	-	.1	1.1	.1	5.5	1.6	2.1	.9	1.1
2812	Basic inorganic chemical compounds (including chlorine, potassium, and sodium compounds).....	-	-	-	1.4	.2	2.9	6.2	2.6	.4	.2
28123	Sodium compounds (except sodium alkalies).....	-	-	-	1.8	-	3.9	5.8	2.6	.2	.7
2818	Miscellaneous industrial organic chemicals.....	-	-	.6	2.4	-	3.6	2.7	3.8	3.1	1.5
28185	Glycols and glycerins.....	-	-	-	-	-	2.4	5.1	3.2	-	-
2819	Miscellaneous industrial inorganic chemicals.....	.4	-	.3	2.9	-	1.3	1.0	6.4	.6	2.2
28199	Industrial inorganic chemicals, n.e.c. (including reagent and high purity chemicals).....	.1	-	4.4	.3	.1	14.8	-	1.4	.7	-
282	Plastic materials and plasticizers, synthetic resins, rubbers, and fibers.	-	-	5.2	1.4	-	8.0	.6	1.2	.1	11.3
2821	Plastic materials and plasticizers, synthetic resins, rubbers, and fibers.	-	-	5.2	1.4	-	8.0	.6	1.2	.1	-

See footnotes at end of table.

TABLE 4. Percent Distribution of Commodities, by Production Area of Destination: 1967--Continued

TCC code	Commodity	Percent distribution by production area ¹ of destination--Continued									Sampling variability code ³
		18 (STLO)	19 (ATLA)	20 (DALL)	21 (HOUS)	22 (DENV)	23 (SETL)	24 (SANF)	25 (LOSA)	All other	
	TON-MILES OF SHIPMENTS--Continued										
24	Lumber and wood products, except furniture.....	1.4	0.8	0.6	-	2.9	0.6	1.1	2.8	57.7	-
25	Furniture and fixtures.....	1.1	.3	3.3	5.7	.6	.7	2.0	11.0	44.1	-
251	Household and office furniture.....	1.3	.3	.3	.4	.5	1.1	2.9	13.2	44.7	-
2511	Chairs, rockers, benches, and stools...	.7	.2	-	.1	1.7	.6	3.6	59.8	26.0	-
25111	Chairs, rockers, benches, and stools, not upholstered.....	.7	.2	-	.1	1.7	.6	3.6	59.8	26.0	-
2512	Tables or desks.....	.1	-	-	.4	.3	2.1	.6	1.1	46.1	-
25121	Tables or desks.....	.1	-	-	.4	.3	2.1	.6	1.1	46.1	-
2517	Cabinets and cases.....	3.2	.3	.1	1.1	.4	1.9	7.5	14.7	41.9	-
254	Partitions, shelving, lockers, and office and store fixtures.....	.8	.2	9.0	15.7	.8	.2	.9	9.0	51.0	-
2542	Metal partitions, shelving, lockers, and office and store fixtures.....	.7	.2	9.0	15.7	.8	.2	.9	9.0	51.2	-
25421	Partitions.....	.7	.2	9.0	15.7	.8	.2	.9	9.0	51.2	-
259	Miscellaneous furniture and fixtures...	1.1	-	.7	-	-	-	1.2	5.7	17.7	-
26	Pulp, paper, and allied products.....	2.0	.5	5.0	1.1	.7	.1	6.3	3.7	56.8	-
26219	Paper, n.e.c.....	.7	3.5	6.8	.3	2.4	.8	18.9	4.4	27.8	-
264	Converted paper and paperboard products (except containers and boxes).....	1.0	.4	2.9	2.2	.9	.1	11.5	4.1	51.4	-
2642	Envelopes (except stationery).....	.3	.1	.7	.3	1.4	-	8.6	10.8	47.7	-
26421	Envelopes (except stationery).....	.3	.1	.7	.3	1.4	-	8.6	10.8	47.7	-
26451	Office supplies.....	3.1	-	1.4	2.5	.6	.6	17.3	2.6	46.6	-
2649	Miscellaneous converted paper products and paperboard products.....	1.0	.8	5.7	4.1	.1	.1	21.9	.1	49.1	-
265	Containers, boxes and related products, paperboard, fiberboard, and pulpboard.	3.7	.4	5.6	.2	.7	-	.5	4.4	62.1	-
2651	Containers, boxes, baskets, pallets and skids, paperboard, fiberboard, and pulpboard.....	5.8	.7	3.3	.4	.7	-	.3	7.8	51.2	-
26511	Containers and boxes, paperboard, fiberboard, and pulpboard.....	5.8	.7	3.3	.4	.7	-	.3	7.8	51.2	-
2654	Sanitary food containers.....	1.4	-	10.6	.1	.9	-	1.2	-	75.8	-
28	Chemicals and allied products.....	2.2	1.6	3.2	1.0	7.4	5.9	3.4	3.7	48.0	-
281	Industrial chemicals.....	2.3	.2	1.4	1.6	16.4	13.8	.7	2.6	40.3	-
2812	Basic inorganic chemical compounds (including chlorine, potassium, and sodium compounds).....	6.4	1.0	2.7	1.0	-	-	3.8	13.1	30.7	-
28123	Sodium compounds (except sodium alkalis).....	8.8	1.5	4.0	-	-	-	-	18.8	34.0	-
2818	Miscellaneous industrial organic chemicals.....	2.1	-	1.2	10.1	2.2	3.8	.1	1.2	39.5	-
28185	Glycols and glycerins.....	-	-	-	-	-	-	-	-	50.0	-
2819	Miscellaneous industrial inorganic chemicals.....	-	-	-	-	-	-	-	.1	80.5	-
28199	Industrial inorganic chemicals, n.e.c. (including reagent and high purity chemicals).....	-	-	-	-	-	-	.4	1.8	27.1	-
282	Plastic materials and plasticizers, synthetic resins, rubbers, and fibers.	2.8	3.2	.1	1.3	.5	1.6	.4	17.1	33.8	-
2821	Plastic materials and plasticizers, synthetic resins, rubbers, and fibers.	2.8	3.2	.1	1.3	.5	1.6	.4	17.1	33.8	-

See footnotes at end of table.

TABLE 4. Percent Distribution of Commodities, by Production Area of Destination: 1967 --Continued

TCC code	Commodity	Number	Percent distribution by production area ¹ of destination							
			Total	1 (BOST)	2 (HART)	3 (NYNY)	4 (N. NJ)	5 (PHIL)	6 (BALT)	7 (ALLN)
	TON-MILES OF SHIPMENTS--Continued	(millions of ton-miles)								
28211	Plastic materials and plasticizers, synthetic resins, and nonvulcanizable elastomers.....	132	100.0	1.2	0.1	6.1	1.5	0.1	1.3	-
284	Soap and detergents, cleaning preparations, perfumes, cosmetics, and other toilet preparations.....	523	100.0	2.0	2.3	.5	1.6	.6	2.4	-
2841	Soap and other detergents (except specialty cleansers).....	328	100.0	2.4	3.4	.3	1.3	.6	3.7	-
28419	Soap or detergents, n.e.c. (except synthetic organic detergents and specialty cleansers).....	291	100.0	2.7	3.9	.3	1.5	.6	2.8	-
2842	Specialty cleaning, polishing, and sanitation preparations (except soap and detergents).....	108	100.0	1.1	-	.4	1.3	.5	-	-
2844	Perfumes, cosmetics, and other toilet preparations.....	75	100.0	1.7	.7	2.0	3.1	.9	.7	0.1
28441	Perfumes, cosmetics, and other toilet preparations.....	75	100.0	1.7	.7	2.0	3.1	.9	.7	.1
285	Paints, varnishes, lacquers, enamels, and allied products.....	170	100.0	3.5	2.5	2.0	2.7	1.5	1.7	.1
2851	Paints, varnishes, lacquers, enamels, and allied products.....	170	100.0	3.5	2.5	2.0	2.7	1.5	1.7	.1
28511	Paints, varnishes, lacquers, enamels, and shellacs.....	140	100.0	4.2	2.8	2.2	2.9	1.5	2.1	.1
28512	Solvents, thinners, paint oils and driers, and related products.....	13	100.0	.9	.2	1.5	-	-	-	-
28519	Paints, varnishes, lacquers, shellacs, enamels, and allied products, n.e.c. (including mixed shipments).....	17	100.0	.5	1.7	.8	3.2	2.0	-	-
29	Petroleum and coal products.....	1,607	100.0	.1	.1	.1	1.2	.4	1.6	.1
291	Products of petroleum refining.....	1,040	100.0	-	-	-	.9	-	2.0	-
2911	Products of petroleum refining (except liquefied petroleum gases and petroleum coke and breeze).....	1,025	100.0	-	-	-	1.0	-	2.1	-
29111	Gasoline, jet fuels, and other high volatile petroleum fuels (except natural gasoline).....	290	100.0	-	-	-	-	-	-	-
29112	Kerosene.....	6	100.0	-	.4	1.8	6.6	-	3.2	-
29113	Distillate fuel oil.....	105	100.0	-	-	-	-	-	-	-
29114	Lubricating oils and similar light oils and derivatives.....	285	100.0	-	-	-	3.3	-	7.4	-
29115	Lubricating greases.....	23	100.0	-	-	.1	.1	-	-	-
29116	Petroleum asphalt, tar, and pitches (including coke-oven and coal tar)....	124	100.0	-	-	-	-	-	-	-
29119	Products of petroleum refining, n.e.c..	19	100.0	-	-	-	-	-	-	-
2912	Liquefied petroleum and coal gases.....	15	100.0	-	-	-	-	-	-	-
29121	Liquefied petroleum and coal gases.....	15	100.0	-	-	-	-	-	-	-
295	Paving and roofing materials.....	292	100.0	.5	.3	.3	3.1	.5	1.5	.3
2951	Paving mixtures and blocks.....	46	100.0	-	2.0	-	6.6	3.1	-	1.8
29511	Paving mixtures and blocks.....	46	100.0	-	2.0	-	6.6	3.1	-	1.8
2952	Asphalt felt and coatings.....	246	100.0	.6	-	.4	2.4	-	1.8	-
29522	Asphalt and tar coatings, cements, and pitches.....	33	100.0	-	-	-	-	-	-	-
29523	Asphalt shingles and siding.....	131	100.0	-	-	-	-	-	-	-

See footnotes at end of table.

TABLE 4. Percent Distribution of Commodities, by Production Area of Destination: 1967--Continued

TCC code	Commodity	Percent distribution by production area ¹ of destination--Continued									
		8 (HARR)	9 (SYRA)	10 (BUFF)	11 (CLEV)	12 (PITT)	13 (DETR)	14 (CINC)	15 ² (CHIC)	16 (MILW)	17 (M-SP)
	TON-MILES OF SHIPMENTS--Continued										
28211	Plastic materials and plasticizers, synthetic resins, and nonvulcanizable elastomers.....	-	-	5.2	1.2	-	8.9	0.6	1.2	0.1	11.3
284	Soap and detergents, cleaning preparations, perfumes, cosmetics, and other toilet preparations.....	-	-	.8	2.3	1.1	3.8	1.3	.3	.4	2.4
2841	Soap and other detergents (except specialty cleansers).....	-	-	1.2	2.8	1.5	3.7	1.2	.3	.4	2.2
28419	Soap or detergents, n.e.c. (except synthetic organic detergents and specialty cleansers).....	-	-	1.3	1.5	.2	3.0	1.0	.3	.3	1.8
2842	Specialty cleaning, polishing, and sanitation preparations (except soap and detergents).....	-	0.1	.2	1.1	.1	4.9	.4	.6	.5	3.6
2844	Perfumes, cosmetics, and other toilet preparations.....	0.2	.1	.4	2.3	.9	.4	3.5	.1	.3	2.2
28441	Perfumes, cosmetics, and other toilet preparations.....	.2	.1	.4	2.3	.9	.4	3.5	.1	.3	2.2
285	Paints, varnishes, lacquers, enamels, and allied products.....	.1	.6	.2	1.4	1.3	3.2	.4	1.4	1.3	2.5
2851	Paints, varnishes, lacquers, enamels, and allied products.....	.1	.6	.2	1.4	1.3	3.2	.4	1.4	1.3	2.5
28511	Paints, varnishes, lacquers, enamels, and shellacs.....	-	.6	.2	1.3	1.0	2.0	.4	.8	.7	1.4
28512	Solvents, thinners, paint oils and driers, and related products.....	.6	1.8	-	4.3	3.9	17.2	-	7.0	4.2	5.4
28519	Paints, varnishes, lacquers, shellacs, enamels, and allied products, n.e.c. (including mixed shipments).....	-	-	.2	.2	1.4	.5	.4	1.6	3.8	9.2
29	Petroleum and coal products.....	.1	-	.4	2.1	.2	4.1	.8	9.1	1.8	12.8
291	Products of petroleum refining.....	-	-	-	2.7	.2	2.6	.2	12.8	1.6	17.9
2911	Products of petroleum refining (except liquefied petroleum gases and petroleum coke and breeze).....	-	-	-	2.8	.1	2.6	.2	13.0	1.6	18.2
29111	Gasoline, jet fuels, and other high volatile petroleum fuels (except natural gasoline).....	-	-	-	-	-	.3	-	13.6	.9	60.7
29112	Kerosene.....	-	-	-	.1	.1	1.1	.5	14.9	-	-
29113	Distillate fuel oil.....	-	-	-	-	-	-	-	19.2	.5	-
29114	Lubricating oils and similar light oils and derivatives.....	-	-	-	9.2	.2	5.9	.5	.5	1.6	1.6
29115	Lubricating greases.....	-	-	-	1.2	2.0	1.7	.3	.6	-	25.5
29116	Petroleum asphalt, tar, and pitches (including coke-oven and coal tar)....	-	-	-	-	-	6.6	-	6.8	2.3	-
29119	Products of petroleum refining, n.e.c..	-	-	.7	.1	.7	2.6	2.1	2.0	1.2	.7
2912	Liquefied petroleum and coal gases.....	-	-	-	-	3.1	-	-	1.3	-	-
29121	Liquefied petroleum and coal gases.....	-	-	-	-	3.1	-	-	1.3	-	-
295	Paving and roofing materials.....	.4	-	-	1.4	.1	11.0	3.4	3.8	3.9	6.0
2951	Paving mixtures and blocks.....	2.8	-	-	2.8	.4	.7	.3	7.3	18.5	7.8
29511	Paving mixtures and blocks.....	2.8	-	-	2.8	.4	.7	.3	7.3	18.5	7.8
2952	Asphalt felt and coatings.....	-	-	-	1.1	-	12.9	4.0	3.1	1.1	5.7
29522	Asphalt and tar coatings, cements, and pitches.....	-	-	-	.2	.1	2.1	13.2	9.6	-	21.9
29523	Asphalt shingles and siding.....	-	-	-	1.8	-	13.0	2.3	2.9	1.6	5.0

See footnotes at end of table.

TABLE 4. Percent Distribution of Commodities, by Production Area of Destination: 1967--Continued

TCC code	Commodity	Percent distribution by production area ¹ of destination--Continued									Sampling variability code ³
		18 (STLO)	19 (ATLA)	20 (DALL)	21 (HOUS)	22 (DENV)	23 (SETL)	24 (SANF)	25 (LOSA)	All other	
	TON-MILES OF SHIPMENTS--Continued										
28211	Plastic materials and plasticizers, synthetic resins, and nonvulcanizable elastomers.....	2.8	3.2	0.1	1.3	0.5	1.6	0.4	17.1	34.2	-
284	Soap and detergents, cleaning preparations, perfumes, cosmetics, and other toilet preparations.....	2.2	.3	6.3	.8	3.4	.6	4.5	4.1	56.0	-
2841	Soap and other detergents (except specialty cleansers).....	2.9	.2	5.8	.2	2.2	-	4.8	.1	58.8	-
28419	Soap or detergents, n.e.c. (except synthetic organic detergents and specialty cleansers).....	2.7	.3	6.5	.2	1.7	-	5.4	.1	61.9	-
2842	Specialty cleaning, polishing, and sanitation preparations (except soap and detergents).....	1.2	.4	10.6	1.3	9.6	2.2	.4	2.0	57.5	-
2844	Perfumes, cosmetics, and other toilet preparations.....	.5	.5	2.3	2.1	.1	.7	10.1	25.1	39.0	-
28441	Perfumes, cosmetics, and other toilet preparations.....	.5	.5	2.3	2.1	.1	.7	10.1	25.1	39.0	-
285	Paints, varnishes, lacquers, enamels, and allied products.....	2.0	.6	2.5	1.1	.6	.5	20.2	2.1	44.0	-
2851	Paints, varnishes, lacquers, enamels, and allied products.....	2.0	.6	2.5	1.1	.6	.5	20.2	2.1	44.0	-
28511	Paints, varnishes, lacquers, enamels, and shellacs.....	2.1	.5	2.7	1.2	.6	.6	23.6	1.5	43.0	-
28512	Solvents, thinners, paint oils and driers, and related products.....	2.9	1.9	2.9	-	-	-	-	6.3	39.0	-
28519	Paints, varnishes, lacquers, shellacs, enamels, and allied products, n.e.c. (including mixed shipments).....	.6	.5	.2	1.4	.8	.4	9.4	4.7	56.5	-
29	Petroleum and coal products.....	1.3	.3	.1	2.2	-	-	1.5	.5	59.1	-
291	Products of petroleum refining.....	1.3	-	-	-	-	-	2.2	-	55.6	-
2911	Products of petroleum refining (except liquefied petroleum gases and petroleum coke and breeze).....	1.3	-	-	-	-	-	2.3	-	54.8	-
29111	Gasoline, jet fuels, and other high volatile petroleum fuels (except natural gasoline).....	-	-	-	-	-	-	-	-	24.5	-
29112	Kerosene.....	-	.1	4.1	3.5	-	4.8	41.5	-	17.3	-
29113	Distillate fuel oil.....	-	-	-	-	-	-	-	-	80.3	-
29114	Lubricating oils and similar light oils and derivatives.....	2.8	-	-	-	-	-	.1	.1	66.8	-
29115	Lubricating greases.....	9.2	-	-	-	-	-	.1	.1	59.1	-
29116	Petroleum asphalt, tar, and pitches (including coke-oven and coal tar).....	2.7	-	-	-	-	-	16.5	-	65.1	-
29119	Products of petroleum refining, n.e.c..	1.0	.8	.2	-	.5	-	.2	.3	86.9	-
2912	Liquefied petroleum and coal gases.....	-	-	-	-	-	-	-	-	95.6	-
29121	Liquefied petroleum and coal gases.....	-	-	-	-	-	-	-	-	95.6	-
295	Paving and roofing materials.....	2.2	1.2	.2	-	-	-	.1	.5	59.3	-
2951	Paving mixtures and blocks.....	2.8	3.0	-	-	-	-	-	-	40.1	-
29511	Paving mixtures and blocks.....	2.8	3.0	-	-	-	-	-	-	40.1	-
2952	Asphalt felt and coatings.....	2.1	.9	.2	-	-	-	.1	.6	63.0	-
29522	Asphalt and tar coatings, cements, and pitches.....	2.0	1.0	-	-	-	-	-	-	40.0	-
29523	Asphalt shingles and siding.....	2.4	-	-	-	-	-	-	-	71.0	-

See footnotes at end of table.

TABLE 4. Percent Distribution of Commodities, by Production Area of Destination: 1967 --Continued

TCC code	Commodity	Number	Percent distribution by production area ¹ of destination							
			Total	1 (BOST)	2 (HART)	3 (NYNY)	4 (N. NJ)	5 (PHIL)	6 (BALT)	7 (ALLN)
	TON-MILES OF SHIPMENTS--Continued	(millions of ton-miles)								
299	Miscellaneous petroleum and coal products.....	275	100.0	-	-	-	-	1.7	0.1	0.1
2991	Miscellaneous petroleum and coal products.....	275	100.0	-	-	-	-	1.7	.1	.1
30	Rubber and miscellaneous plastics products.....	164	100.0	2.5	0.7	4.1	2.0	3.1	2.0	1.5
30619	Fabricated rubber products, n.e.c.....	4	100.0	.5	.1	1.5	5.9	5.3	-	-
307	Miscellaneous plastic products.....	113	100.0	3.0	.8	3.8	1.8	1.8	1.8	2.0
3071	Miscellaneous plastic products.....	113	100.0	3.0	.8	3.8	1.8	1.8	1.8	2.0
30713	Moulded plastic products.....	20	100.0	3.3	1.5	2.8	1.2	1.2	.3	-
30718	Plastic closures for bottles, cans, glasses, and jars (bands, caps, covers, discs, or tops).....	25	100.0	2.8	1.6	5.8	1.1	-	4.6	-
30719	Fabricated plastics products, n.e.c... (including footwear made wholly of plastic).....	42	100.0	5.0	.4	4.4	2.8	1.3	2.0	-
31	Leather and leather products.....	15	100.0	32.3	.3	6.3	.4	2.6	-	-
32	Stone, clay, and glass products.....	596	100.0	1.8	1.0	1.3	4.0	1.3	.7	.4
322	Glass and glassware, pressed and blown.	62	100.0	1.5	-	1.5	2.8	1.1	.6	-
3221	Glass containers, caps and covers.....	62	100.0	1.5	-	1.5	2.8	1.1	.6	-
325	Structural clay products.....	47	100.0	-	2.4	-	3.7	-	6.2	5.0
327	Concrete, gypsum, plaster, and plaster products.....	79	100.0	.1	4.6	-	1.5	.2	-	-
32931	Gaskets, all types.....	7	100.0	.9	.3	2.7	1.2	10.3	.3	.1
33	Primary metal products.....	4,922	100.0	.9	.2	.5	.7	1.1	.8	-
331	Steel works and rolling mill products..	4,325	100.0	.8	.2	.4	.8	1.1	.9	.1
3312	Primary iron and steel products (except coke-oven products).....	4,154	100.0	.7	.1	.4	.7	1.1	.9	.1
33123	Sheet and strip, iron and steel (except tin mill products).....	1,581	100.0	.1	-	.6	.8	-	1.0	.1
33124	Bars, bar shapes, and rods.....	825	100.0	-	.4	.2	1.9	-	-	-
33127	Tin mill products.....	315	100.0	8.3	-	.3	-	-	6.4	-
3315	Steel wire, nails, and spikes.....	143	100.0	4.4	2.1	.4	3.0	3.2	1.9	.1
33155	Steel wire.....	84	100.0	4.5	-	.1	1.7	3.0	3.0	-
332	Iron and steel castings.....	142	100.0	-	.4	-	1.1	.1	.1	-
3321	Iron and steel castings.....	142	100.0	-	.4	-	1.1	.1	.1	-
33219	Iron and steel castings, n.e.c.....	142	100.0	-	.4	-	1.1	.1	.1	-
333	Nonferrous metals primary smelter products (slab, ingot, pig, etc., and residues).....	141	100.0	.9	-	.2	.2	4.4	-	-
3333	Primary zinc and zinc base alloy smelter products.....	11	100.0	-	-	-	-	-	-	-
335	Nonferrous metal basic shapes.....	215	100.0	2.3	.3	3.2	.2	.3	.3	-
3369	Miscellaneous nonferrous metal castings	5	100.0	-	1.4	2.4	4.2	.1	1.9	.4
33692	Zinc and zinc base alloy castings.....	2	100.0	-	2.2	-	-	-	-	-
339	Miscellaneous primary metal products...	84	100.0	2.0	.9	-	.5	-	.2	-
3391	Iron and steel forgings.....	75	100.0	2.2	.1	-	.5	.1	.2	-
33911	Iron and steel forgings.....	75	100.0	2.2	.1	-	.5	.1	.2	-

See footnotes at end of table.

TABLE 4. Percent Distribution of Commodities, by Production Area of Destination: 1967--Continued

TCC code	Commodity	Percent distribution by production area ¹ of destination--Continued									
		8 (HARR)	9 (SYRA)	10 (BUFF)	11 (CLEV)	12 (PITT)	13 (DETR)	14 (CINC)	15 ² (CHIC)	16 (MILW)	17 (M-SP)
	TON-MILES OF SHIPMENTS--Continued										
299	Miscellaneous petroleum and coal products.....	-	-	2.3	0.5	0.7	2.7	0.3	0.8	-	0.4
2991	Miscellaneous petroleum and coal products.....	-	-	2.3	.5	.7	2.7	.3	.8	-	.4
30	Rubber and miscellaneous plastics products.....	0.2	0.9	.5	1.1	.6	2.1	1.2	.9	0.3	1.8
30619	Fabricated rubber products, n.e.c.....	.4	.2	.9	2.8	.1	13.1	1.5	.6	.3	1.3
307	Miscellaneous plastic products.....	.2	1.1	.5	.8	.2	1.4	1.1	1.2	.3	2.3
3071	Miscellaneous plastic products.....	.2	1.1	.5	.8	.2	1.4	1.1	1.2	.3	2.3
30713	Moulded plastic products.....	.4	5.6	1.0	2.7	.5	4.6	.9	.7	.1	3.5
30718	Plastic closures for bottles, cans, glasses, and jars (bands, caps, covers, discs, or tops).....	.5	.2	-	.1	-	.5	2.6	3.4	.7	1.6
30719	Fabricated plastics products, n.e.c (including footwear made wholly of plastic).....	.1	.1	.8	.6	.1	.6	.2	.2	.2	1.1
31	Leather and leather products.....	.9	-	-	.2	.1	1.9	-	-	1.4	-
32	Stone, clay, and glass products.....	-	.4	.8	2.1	.7	3.3	1.1	8.2	5.0	1.2
322	Glass and glassware, pressed and blown.....	.4	-	.3	1.3	.7	2.9	3.5	2.0	1.6	.8
3221	Glass containers, caps and covers.....	.4	-	.3	1.3	.7	2.9	3.5	2.0	1.6	.8
325	Structural clay products.....	-	.7	3.6	4.0	4.1	12.0	.8	5.4	.7	.3
327	Concrete, gypsum, plaster, and plaster products.....	-	.8	1.9	1.6	.5	5.5	2.0	8.3	2.0	1.6
32931	Gaskets, all types.....	-	.1	.2	1.6	.7	9.0	.7	.2	.6	.8
33	Primary metal products.....	.2	.1	.5	1.9	1.2	5.3	1.4	3.2	2.9	3.2
331	Steel works and rolling mill products..	.1	-	.5	1.7	1.2	5.5	1.4	3.4	3.1	3.3
3312	Primary iron and steel products (except coke-oven products).....	.1	-	.5	1.7	1.2	5.5	1.3	2.9	3.2	3.4
33123	Sheet and strip, iron and steel (except tin mill products).....	-	-	.8	1.5	.3	9.6	1.4	3.1	3.7	1.9
33124	Bars, bar shapes, and rods.....	.2	-	.5	3.4	1.7	6.0	1.0	4.3	1.6	4.3
33127	Tin mill products.....	-	-	-	1.7	-	.8	.6	4.4	6.6	-
3315	Steel wire, nails, and spikes.....	.3	1.1	.8	3.1	2.8	1.8	2.5	2.7	.2	1.9
33155	Steel wire.....	.1	.3	-	3.1	2.4	2.4	2.7	3.3	.3	.3
332	Iron and steel castings.....	.4	.1	1.3	1.0	2.0	1.8	2.3	5.3	.8	.3
3321	Iron and steel castings.....	.4	.1	1.3	1.0	2.0	1.8	2.3	5.3	.8	.3
33219	Iron and steel castings, n.e.c.....	.4	.1	1.3	1.0	2.0	1.8	2.3	5.3	.8	.3
333	Nonferrous metals primary smelter products (slab, ingot, pig, etc., and residues).....	-	1.5	1.3	3.6	.9	4.0	1.9	1.4	3.2	4.7
3333	Primary zinc and zinc base alloys smelter products.....	-	-	-	-	-	3.5	-	.6	2.2	17.1
335	Nonferrous metal basic shapes.....	.6	-	.1	5.0	.4	2.6	1.0	.4	.4	2.2
3369	Miscellaneous nonferrous metal castings	.5	.3	.9	.1	.6	1.3	.7	1.2	4.0	-
33692	Zinc and zinc base alloy castings.....	-	-	2.1	.1	-	2.6	-	2.3	.3	-
339	Miscellaneous primary metal products...	1.0	1.1	.8	4.6	-	5.3	.2	1.3	2.6	1.8
3391	Iron and steel forgings.....	1.1	1.2	.9	5.0	-	5.6	.2	1.4	2.9	1.9
33911	Iron and steel forgings.....	1.1	1.2	.9	5.0	-	5.6	.2	1.4	2.9	1.9

See footnotes at end of table.

TABLE 4. Percent Distribution of Commodities, by Production Area of Destination: 1967--Continued

TCC code	Commodity	Percent distribution by production area ¹ of destination--Continued									Sampling variability code ³
		18 (STLO)	19 (ATLA)	20 (DALL)	21 (HOUS)	22 (DENV)	23 (SETL)	24 (SANF)	25 (LOSA)	All other	
	TON-MILES OF SHIPMENTS--Continued										
299	Miscellaneous petroleum and coal products.....	0.6	0.3	0.2	12.6	-	-	-	2.5	74.2	-
2991	Miscellaneous petroleum and coal products.....	.6	.3	.2	12.6	-	-	-	2.5	74.2	-
30	Rubber and miscellaneous plastics products.....	1.3	.8	3.4	1.6	0.1	1.5	4.4	14.8	46.6	-
30619	Fabricated rubber products, n.e.c.....	.5	1.6	.2	2.0	.6	-	1.6	11.6	47.4	-
307	Miscellaneous plastic products.....	1.7	.8	3.3	.5	.1	1.6	5.4	17.8	44.7	-
3071	Miscellaneous plastic products.....	1.7	.8	3.3	.5	.1	1.6	5.4	17.8	44.7	-
30713	Moulded plastic products.....	.9	-	1.6	.1	.2	2.0	11.0	5.5	48.4	-
30718	Plastic closures for bottles, cans, glasses, and jars (bands, caps, covers, discs, or tops).....	.3	.2	11.6	2.1	.3	.2	-	30.2	29.6	-
30719	Fabricated plastics products, n.e.c. (including footwear made wholly of plastic).....	3.1	1.3	1.1	-	-	3.4	9.1	12.7	49.4	-
31	Leather and leather products.....	3.1	-	.3	2.5	1.2	7.2	3.9	1.2	34.2	-
32	Stone, clay, and glass products.....	1.0	.6	.7	1.1	.5	.5	1.8	3.1	57.4	-
322	Glass and glassware, pressed and blown.	1.8	5.6	3.3	-	-	-	1.3	1.3	65.7	-
3221	Glass containers, caps and covers.....	1.8	5.6	3.3	-	-	-	1.3	1.3	65.7	-
325	Structural clay products.....	3.8	-	-	.5	.5	-	2.7	1.2	42.4	-
327	Concrete, gypsum, plaster, and plaster products.....	1.0	-	-	-	-	-	.2	-	68.2	-
32931	Gaskets, all types.....	.2	2.3	.1	.1	.5	1.4	12.5	12.4	40.8	-
33	Primary metal products.....	2.8	.4	2.6	6.1	1.0	2.1	6.8	6.7	47.4	-
331	Steel works and rolling mill products..	2.9	.4	2.3	6.5	1.1	2.3	7.2	5.9	46.9	-
3312	Primary iron and steel products (except coke-oven products).....	3.0	.1	2.4	6.7	1.1	2.4	7.5	6.2	46.8	-
33123	Sheet and strip, iron and steel (except tin mill products).....	3.4	-	3.2	3.5	.5	3.0	3.4	4.6	53.5	-
33124	Bars, bar shapes, and rods.....	1.3	-	1.0	6.0	.1	-	1.8	7.0	57.3	-
33127	Tin mill products.....	3.5	-	-	-	-	-	34.3	-	33.1	-
3315	Steel wire, nails, and spikes.....	1.1	10.6	.4	3.2	2.8	-	-	.4	49.2	-
33155	Steel wire.....	1.8	-	.4	4.9	4.5	-	-	-	61.2	-
332	Iron and steel castings.....	3.1	-	13.7	7.8	-	-	11.2	.1	47.1	-
3321	Iron and steel castings.....	3.1	-	13.7	7.8	-	-	11.2	.1	47.1	-
33219	Iron and steel castings, n.e.c.....	3.1	-	13.7	7.8	-	-	11.2	.1	47.1	-
333	Nonferrous metals primary smelter products (slab, ingot, pig, etc., and residues).....	2.1	-	.1	2.0	.8	-	-	14.1	52.7	-
3333	Primary zinc and zinc base alloys smelter products.....	4.6	-	-	-	-	-	-	-	72.0	-
335	Nonferrous metal basic shapes.....	1.1	.3	3.0	.1	.1	1.7	3.0	22.4	49.0	-
3369	Miscellaneous nonferrous metal castings	.7	-	1.1	-	2.7	.1	-	3.7	71.7	-
33692	Zinc and zinc base alloy castings.....	.4	-	-	-	5.9	-	-	8.2	75.9	-
339	Miscellaneous primary metal products...	2.1	-	6.2	.6	.1	4.3	.3	4.3	59.8	-
3391	Iron and steel forgings.....	2.3	-	4.0	.3	-	4.8	-	1.3	64.0	-
33911	Iron and steel forgings.....	2.3	-	4.0	.3	-	4.8	-	1.3	64.0	-

See footnotes at end of table.

TABLE 4. Percent Distribution of Commodities, by Production Area of Destination: 1967 --Continued

TCC code	Commodity	Number	Percent distribution by production area ¹ of destination							
			Total	1 (BOST)	2 (HART)	3 (NYNY)	4 (N. NJ)	5 (PHIL)	6 (BALT)	7 (ALLN)
	TON-MILES OF SHIPMENTS--Continued	(millions of ton-miles)								
34	Fabricated metal products.....	1,059	100.0	1.2	1.0	3.4	1.1	1.6	1.3	0.1
341	Metal cans.....	138	100.0	1.0	.4	5.1	1.7	.3	.1	-
3411	Metal cans.....	138	100.0	1.0	.4	5.1	1.7	.3	.1	-
34111	Metal cans.....	138	100.0	1.0	.4	5.1	1.7	.3	.1	-
342	Cutlery, hand tools, and general hardware.....	90	100.0	1.1	.4	1.8	1.3	1.3	.2	.1
3423	Hand and edge tools (except machine tools and hand saws).....	23	100.0	3.0	.5	1.7	.8	3.7	.2	-
34239	Hand tools, n.e.c. (machine tools and hand saws and blades).....	23	100.0	3.1	.5	1.7	.8	3.7	.2	-
3429	Miscellaneous hardware.....	25	100.0	1.0	.8	2.7	1.8	1.3	.1	.1
344	Structural and miscellaneous metal products.....	371	100.0	1.8	2.0	2.9	.5	1.5	.9	.2
3441	Structural metal products.....	197	100.0	-	1.2	5.0	.7	.3	1.6	.3
34411	Structural metal products, iron and steel.....	197	100.0	-	1.2	5.0	.7	.3	1.6	.3
345	Bolts, nuts, screws, rivets, washers, and other industrial fasteners.....	120	100.0	.5	.2	3.0	1.1	3.7	.3	-
3452	Bolts, nuts, screws, rivets, washers, and other industrial fasteners.....	120	100.0	.5	.2	3.0	1.1	3.7	.3	-
34529	Other industrial fasteners, including dowels, cotter pins, toggle and expansion bolts, etc.....	4	100.0	-	4.2	24.1	1.4	2.5	.1	-
346	Metal stampings.....	131	100.0	1.3	.4	2.4	1.6	1.0	6.1	-
3461	Metal stampings.....	131	100.0	1.3	.4	2.4	1.6	1.0	6.1	-
34614	Metal closures.....	76	100.0	1.1	.1	1.5	1.4	.9	7.7	-
34619	Metal stampings, n.e.c.....	22	100.0	2.5	.9	5.4	3.3	1.4	.1	.1
348	Miscellaneous fabricated wire products.	56	100.0	.2	1.4	3.0	-	4.4	2.4	-
3481	Miscellaneous fabricated wire products.	56	100.0	.2	1.4	3.0	-	4.4	2.4	-
349	Miscellaneous fabricated metal products	139	100.0	1.1	.5	5.0	1.6	1.2	.7	.2
3494	Valves and pipe fittings (except plumbers' brass goods and fittings)...	45	100.0	.4	.5	3.6	1.7	.7	.2	.4
34941	Metal valves for piping, plumbing, and heating systems.....	27	100.0	.4	.9	5.4	2.1	.6	.2	.5
3499	Fabricated metal products, n.e.c.....	51	100.0	2.6	.8	9.2	2.7	2.7	1.8	.1
34999	Fabricated metal products, n.e.c.....	45	100.0	2.4	.7	9.4	1.1	3.0	2.0	.1
35	Machinery, except electrical.....	794	100.0	2.0	1.6	13.6	3.3	1.2	.8	.3
351	Engines and turbines.....	62	100.0	.1	10.4	1.9	6.7	.5	.1	-
3519	Miscellaneous internal combustion engines.....	62	100.0	.1	10.4	1.9	6.7	.5	.1	-
35199	Internal combustion engines, except aircraft and automotive, n.e.c.....	52	100.0	-	12.3	2.0	8.0	.4	-	-
353	Construction, mining, and materials handling machinery and equipment.....	356	100.0	1.6	-	21.6	3.0	.6	1.1	.1
3531	Construction machinery and equipment...	280	100.0	1.4	-	26.1	2.6	.2	1.3	-
35313	Parts and attachments for tracklaying and contractors' off-highway wheel and tracted tractors.....	26	100.0	.4	-	19.7	.7	2.5	1.4	-
35314	Power cranes, draglines, shovels, tractor-shovel-loaders and parts.....	20	100.0	-	-	26.2	2.0	-	.1	-
3532	Mining machinery, equipment, and parts (except oil field machinery and equipment).....	8	100.0	.1	-	.9	.1	-	-	3.8

See footnotes at end of table.

TABLE 4. Percent Distribution of Commodities, by Production Area of Destination: 1967--Continued

TCC code	Commodity	Percent distribution by production area ¹ of destination—Continued									
		8 (HARR)	9 (SYRA)	10 (BUFF)	11 (CLEV)	12 (PITT)	13 (DETR)	14 (CINC)	15 ² (CHIC)	16 (MILW)	17 (M-SP)
	TON-MILES OF SHIPMENTS--Continued										
34	Fabricated metal products.....	0.1	0.5	0.6	2.8	0.9	3.5	1.4	2.1	1.1	4.7
341	Metal cans.....	.1	.2	.4	2.1	1.0	2.7	1.2	1.1	1.2	11.8
3411	Metal cans.....	.1	.2	.4	2.1	1.0	2.7	1.2	1.1	1.2	11.8
34111	Metal cans.....	.1	.2	.4	2.1	1.0	2.7	1.2	1.1	1.2	11.8
342	Cutlery, hand tools, and general hardware.....	-	.2	.8	1.6	1.3	1.1	1.0	.3	.1	6.2
3423	Hand and edge tools (except machine tools and hand saws).....	-	.1	-	1.4	4.9	1.7	.2	.5	-	16.5
34239	Hand tools, n.e.c. (machine tools and hand saws and blades).....	-	.1	-	1.4	4.9	1.7	.2	.5	-	16.5
3429	Miscellaneous hardware.....	-	.3	.6	4.3	.2	1.9	.7	.2	.1	.3
344	Structural and miscellaneous metal products.....	-	.4	.1	1.9	.8	1.6	.9	3.8	.5	4.2
3441	Structural metal products.....	.1	-	.1	1.3	1.4	1.6	.2	1.2	.6	2.2
34411	Structural metal products, iron and steel.....	.1	-	.1	1.3	1.4	1.6	.2	1.2	.6	2.2
345	Bolts, nuts, screws, rivets, washers, and other industrial fasteners.....	-	.9	.9	9.1	.3	12.0	1.5	1.3	1.1	2.8
3452	Bolts, nuts, screws, rivets, washers, and other industrial fasteners.....	-	.9	.9	9.1	.3	12.0	1.5	1.3	1.1	2.8
34529	Other industrial fasteners, including dowels, cotter pins, toggle and expansion bolts, etc.....	-	-	.6	8.5	.1	1.6	.2	1.2	1.8	2.0
346	Metal stampings.....	.4	.1	.4	.4	.2	4.2	1.5	.3	4.0	1.6
3461	Metal stampings.....	.4	.1	.4	.4	.2	4.2	1.5	.3	4.0	1.6
34614	Metal closures.....	.5	-	-	-	-	.6	2.3	.2	.7	2.3
34619	Metal stampings, n.e.c.....	-	.4	1.3	1.1	.9	1.9	.4	.5	-	.9
348	Miscellaneous fabricated wire products.	.2	-	.1	1.3	1.3	3.8	-	.6	.3	2.0
3481	Miscellaneous fabricated wire products.	.2	-	.1	1.3	1.3	3.8	-	.6	.3	2.0
349	Miscellaneous fabricated metal products	-	1.2	2.0	4.2	1.4	3.0	3.4	2.8	.6	4.0
3494	Valves and pipe fittings (except plumbers' brass goods and fittings)...	-	1.1	.4	1.2	1.1	2.0	.8	.5	.3	1.4
34941	Metal valves for piping, plumbing, and heating systems.....	-	1.9	.4	1.3	.8	.6	.7	.1	.1	.7
3499	Fabricated metal products, n.e.c.....	.1	2.1	1.3	1.6	2.9	5.7	.6	2.7	.7	.7
34999	Fabricated metal products, n.e.c.....	.1	2.2	1.4	.9	3.3	6.4	.7	2.7	.7	.6
35	Machinery, except electrical.....	.7	.3	1.0	.6	.5	2.0	.3	1.0	.4	.4
351	Engines and turbines.....	6.6	.2	-	.3	.7	2.4	.2	2.7	1.3	.3
3519	Miscellaneous internal combustion engines.....	6.6	.2	-	.3	.7	2.4	.2	2.7	1.3	.3
35199	Internal combustion engines, except aircraft and automotive, n.e.c.....	7.9	.2	-	.3	.8	2.8	.1	3.2	1.5	.3
353	Construction, mining, and materials handling machinery and equipment.....	.2	.2	1.0	.4	.5	1.7	-	1.3	.2	.3
3531	Construction machinery and equipment...	.2	.2	-	.4	.3	1.5	-	1.5	.1	.1
35313	Parts and attachments for tracklaying and contractors' off-highway wheel and tracted tractors.....	.8	-	-	-	-	.1	.2	.3	.9	-
35314	Power cranes, draglines, shovels, tractor-shovel-loaders and parts.....	-	.1	-	-	.1	.1	.1	-	.1	-
3532	Mining machinery, equipment, and parts (except oil field machinery and equipment).....	.5	-	.1	.2	.1	.1	-	.1	2.8	.3

See footnotes at end of table.

TABLE 4. Percent Distribution of Commodities, by Production Area of Destination: 1967--Continued

TCC code	Commodity	Percent distribution by production area ¹ of destination--Continued									Sampling variability code ³
		18 (STLO)	19 (ATLA)	20 (DALL)	21 (HOUS)	22 (DENV)	23 (SETL)	24 (SANF)	25 (LOSA)	All other	
	TON-MILES OF SHIPMENTS--Continued										
34	Fabricated metal products.....	1.4	1.2	2.4	2.0	1.2	2.2	3.7	6.3	52.2	-
341	Metal cans.....	2.2	3.3	4.3	3.4	.3	1.1	3.3	9.6	42.1	-
3411	Metal cans.....	2.2	3.3	4.3	3.4	.3	1.1	3.3	9.6	42.1	-
34111	Metal cans.....	2.2	3.3	4.3	3.4	.3	1.1	3.3	9.6	42.1	-
342	Cutlery, hand tools, and general hardware.....	.3	.8	1.8	.6	1.8	18.0	5.9	23.1	28.9	-
3423	Hand and edge tools (except machine tools and hand saws).....	.7	1.4	2.1	1.5	.6	.6	3.9	15.9	38.1	-
34239	Hand tools, n.e.c. (machine tools and hand saws and blades).....	.7	1.4	2.2	1.5	.6	.6	3.9	16.0	37.8	-
3429	Miscellaneous hardware.....	.3	1.3	4.2	.1	5.5	9.5	10.8	6.9	45.0	-
344	Structural and miscellaneous metal products.....	1.2	.9	.1	1.9	.5	-	5.5	.1	65.8	-
3441	Structural metal products.....	.1	-	.1	1.3	.9	-	9.3	.1	70.4	-
34411	Structural metal products, iron and steel.....	.1	-	.1	1.3	.9	-	9.3	.1	70.4	-
345	Bolts, nuts, screws, rivets, washers, and other industrial fasteners.....	2.5	1.5	8.5	.3	-	.4	2.3	5.3	40.5	-
3452	Bolts, nuts, screws, rivets, washers, and other industrial fasteners.....	2.5	1.5	8.5	.3	-	.4	2.3	5.3	40.5	-
34529	Other industrial fasteners, including dowels, cotter pins, toggle and expansion bolts, etc.....	.1	-	.1	4.0	-	-	.4	13.9	33.2	-
346	Metal stampings.....	2.0	.7	4.1	1.2	1.5	2.4	1.5	11.5	49.2	-
3461	Metal stampings.....	2.0	.7	4.1	1.2	1.5	2.4	1.5	11.5	49.2	-
34614	Metal closures.....	1.4	.8	6.2	1.9	2.4	-	.3	12.1	55.6	-
34619	Metal stampings, n.e.c.....	.8	-	2.1	.3	.6	2.6	6.0	5.0	61.5	-
348	Miscellaneous fabricated wire products.	.1	.1	.2	3.4	.3	-	.1	.8	74.0	-
3481	Miscellaneous fabricated wire products.	.1	.1	.2	3.4	.3	-	.1	.8	74.0	-
349	Miscellaneous fabricated metal products	.6	.8	1.4	3.6	4.7	1.4	2.1	5.4	47.1	-
3494	Valves and pipe fittings (except plumbers' brass goods and fittings)...	.1	1.4	.9	10.9	10.7	4.1	2.1	6.6	46.9	-
34941	Metal valves for piping, plumbing, and heating systems.....	-	1.5	1.0	3.9	16.1	.2	1.6	3.1	55.9	-
3499	Fabricated metal products, n.e.c.....	.2	1.0	3.0	.1	3.4	.2	3.9	8.9	41.0	-
34999	Fabricated metal products, n.e.c.....	.2	1.1	2.1	.1	3.8	.2	1.8	9.7	43.3	-
35	Machinery, except electrical.....	.4	1.2	1.7	1.0	1.0	2.4	3.7	10.0	48.6	-
351	Engines and turbines.....	-	1.1	.1	.3	4.1	.6	1.7	1.3	56.4	-
3519	Miscellaneous internal combustion engines.....	-	1.1	.1	.3	4.1	.6	1.7	1.3	56.4	-
35199	Internal combustion engines, except aircraft and automotive, n.e.c.....	-	1.2	-	.1	.6	.5	1.4	1.2	55.2	-
353	Construction, mining, and materials handling machinery and equipment.....	.1	.8	.4	.6	.7	.2	2.1	3.3	58.0	-
3531	Construction machinery and equipment...	-	.5	.4	-	.2	.1	2.5	3.5	56.9	-
35313	Parts and attachments for tracklaying and contractors' off-highway wheel and tracted tractors.....	-	.6	.2	-	-	-	15.4	7.8	49.0	-
35314	Power cranes, draglines, shovels, tractor-shovel-loaders and parts.....	.1	-	-	.1	-	-	.7	30.5	39.8	-
3532	Mining machinery, equipment, and parts (except oil field machinery and equipment).....	-	.1	-	-	-	-	.5	-	90.3	-

See footnotes at end of table.

TABLE 4. Percent Distribution of Commodities, by Production Area of Destination: 1967 --Continued

TCC code	Commodity	Number	Percent distribution by production area ¹ of destination							
			Total	1 (BOST)	2 (HART)	3 (NYNY)	4 (N. NJ)	5 (PHIL)	6 (BALT)	7 (ALLN)
	TON-MILES OF SHIPMENTS--Continued	(millions of ton-miles)								
3535	Conveyors and conveying equipment (except hoists and farm elevators).....	24	100.0	1.3	-	4.4	1.9	2.4	0.1	0.2
35351	Conveyors and conveying equipment and parts, except hoists and farm elevators.....	24	100.0	1.3	-	4.4	1.9	2.4	.1	.2
3537	Industrial trucks, tractors, trailers, stackers, and metal skids, pallets, and platforms.....	28	100.0	4.9	-	10.1	10.7	3.2	1.3	-
35371	Industrial trucks, tractors, trailers, and stackers.....	26	100.0	5.3	-	11.0	11.6	2.7	1.4	-
354	Metalworking machinery and equipment....	67	100.0	3.5	1.3	14.1	5.2	3.8	.3	.1
3544	Special dies and tools, die sets, jigs, fixtures, and industrial molds and patterns.....	20	100.0	2.0	-	37.4	11.4	-	-	-
35441	Special dies and tools, die sets, jigs, and fixtures.....	20	100.0	2.0	-	37.4	11.4	-	-	-
3545	Machine tool accessories, measuring tools, and measuring devices.....	1	100.0	1.9	8.2	5.2	1.6	1.2	.2	.4
35451	Small cutting tools for machine tools and metalworking machinery.....	1	100.0	1.9	8.2	5.2	1.6	1.2	.2	.4
3548	Metalworking machinery (except machine tools).....	19	100.0	.4	1.4	2.9	.5	2.3	.6	-
355	Special industry machinery (except metalworking machinery).....	24	100.0	1.8	.1	14.4	1.0	2.5	.1	1.2
3559	Miscellaneous special industry machinery.....	7	100.0	1.1	.1	13.4	.7	2.9	-	.8
356	General industrial machinery and equipment.....	123	100.0	4.0	.6	6.2	2.9	2.5	.6	1.3
35611	Industrial pumps, including hydraulic fluid power pumps and motors.....	37	100.0	5.9	.7	3.5	7.8	2.7	1.3	.6
357	Office, computing, and accounting machines.....	48	100.0	.3	3.9	4.3	1.5	.8	.3	-
3579	Miscellaneous office machines.....	35	100.0	.1	2.3	3.5	1.4	.9	.4	-
35791	Addressing, dictating, and duplicating machines.....	34	100.0	.1	2.3	3.5	1.4	.9	.4	-
358	Service industry machines.....	49	100.0	3.8	4.5	2.5	2.2	.1	-	.1
359	Miscellaneous machinery and parts (except electrical).....	17	100.0	1.9	1.6	5.5	10.4	1.4	3.3	-
3599	Miscellaneous machinery and parts (except electrical).....	17	100.0	1.9	1.6	5.5	10.4	1.4	3.3	-
35999	Machinery and parts, n.e.c. (except electrical).....	16	100.0	1.7	1.7	5.8	10.9	1.3	3.4	-
36	Electrical machinery and equipment.....	554	100.0	2.4	1.1	4.2	4.6	2.7	.6	.2
361	Electrical transmission and distribution equipment.....	77	100.0	4.6	-	8.5	2.7	.6	.2	.5
3621	Motors and generators.....	1	100.0	-	1.8	3.5	-	-	-	-
36211	Motors.....	1	100.0	-	2.0	3.9	-	-	-	-
363	Household appliances.....	137	100.0	2.5	.6	3.4	7.4	.7	.6	.3
364	Electric lighting and wiring equipment..	30	100.0	.6	.2	3.5	1.0	1.3	.2	.2
3642	Lighting fixtures.....	19	100.0	.8	.2	3.0	1.2	1.8	.3	-
365	Radio and television receiving sets (except communication types), phonographs, and phonograph records.....	112	100.0	4.2	.6	3.2	6.4	10.0	1.9	.2
3651	Radio and television receiving sets (except communication types), and phonographs.....	112	100.0	4.2	.6	3.2	6.4	10.0	1.9	.2

See footnotes at end of table.

TABLE 4. Percent Distribution of Commodities, by Production Area of Destination: 1967--Continued

TCC code	Commodity	Percent distribution by production area ¹ of destination--Continued									
		8 (HARR)	9 (SYRA)	10 (BUFF)	11 (CLEV)	12 (PITT)	13 (DETR)	14 (CINC)	15 ² (CHIC)	16 (MILW)	17 (M-SP)
	TON-MILES OF SHIPMENTS--Continued										
3535	Conveyors and conveying equipment (except hoists and farm elevators)....	-	0.3	0.6	0.5	0.7	0.6	0.2	0.6	0.6	0.9
35351	Conveyors and conveying equipment and parts, except hoists and farm elevators.....	-	.3	.6	.5	.7	.6	.2	.6	.6	.9
3537	Industrial trucks, tractors, trailers, stackers, and metal skids, pallets, and platforms.....	-	-	-	.2	1.8	6.4	-	.3	.3	1.7
35371	Industrial trucks, tractors, trailers, and stackers.....	-	-	-	.2	2.0	7.0	-	.3	.3	1.9
354	Metalworking machinery and equipment...	0.2	.5	.6	2.0	.6	3.4	.7	.7	.9	.2
3544	Special dies and tools, die sets, jigs, fixtures, and industrial molds and patterns.....	.1	.6	.1	5.0	.6	7.3	.5	1.5	2.2	.2
35441	Special dies and tools, die sets, jigs, and fixtures.....	.1	.6	.1	5.0	.6	7.3	.5	1.5	2.2	.2
3545	Machine tool accessories, measuring tools, and measuring devices.....	1.8	1.2	5.5	2.1	.2	2.4	.3	.2	.3	.2
35451	Small cutting tools for machine tools and metalworking machinery.....	1.8	1.2	5.5	2.1	.2	2.4	.3	.2	.3	.2
3548	Metalworking machinery (except machine tools).....	.5	.9	.7	.4	1.0	1.1	.4	.7	.7	.5
355	Special industry machinery (except metalworking machinery).....	-	.3	.3	1.0	.2	.3	.4	.7	.3	.7
3559	Miscellaneous special industry machinery.....	-	-	-	2.2	.7	-	.8	.4	.2	-
356	General industrial machinery and equipment.....	.4	.5	1.1	.6	.8	2.9	.9	.6	.3	.4
35611	Industrial pumps, including hydraulic fluid power pumps and motors.....	.1	.7	3.2	.4	1.3	1.9	.4	.3	-	.3
357	Office, computing, and accounting machines.....	.2	.1	.9	1.1	.1	1.2	.7	.1	-	.9
3579	Miscellaneous office machines.....	.1	.1	1.0	.4	-	1.6	.8	-	-	.7
35791	Addressing, dictating, and duplicating machines.....	.1	.1	1.0	.4	-	1.7	.8	-	-	.7
358	Service industry machines.....	.4	.5	-	.3	.3	1.2	.2	.1	.2	1.0
359	Miscellaneous machinery and parts (except electrical).....	-	.3	4.1	2.3	1.6	4.8	1.4	.3	.7	.9
3599	Miscellaneous machinery and parts (except electrical).....	-	.3	4.1	2.3	1.6	4.8	1.4	.3	.7	.9
35999	Machinery and parts, n.e.c. (except electrical).....	-	.3	4.2	2.4	1.6	5.0	1.4	.3	.7	.7
36	Electrical machinery and equipment.....	.4	1.0	.7	.9	1.5	1.2	.4	.4	.3	1.0
361	Electrical transmission and distribution equipment.....	-	.8	.2	.1	2.2	1.4	.2	.1	-	.9
3621	Motor and generators.....	-	3.5	6.9	.6	-	5.2	-	.2	-	-
36211	Motors.....	-	-	7.6	.3	-	.9	-	-	-	-
363	Household appliances.....	.5	-	.8	.8	2.0	1.2	.8	.2	.2	.3
364	Electric lighting and wiring equipment.	.9	1.3	.8	6.3	.6	3.0	.5	.3	.1	4.7
3642	Lighting fixtures.....	1.0	1.6	1.3	9.0	.8	2.7	.6	.3	.1	2.1
365	Radio and television receiving sets (except communication types), phonographs, and phonograph records.....	.8	2.2	1.1	1.1	.7	.5	.4	.3	-	.8
3651	Radio and television receiving sets (except communication types), and phonographs.....	.8	2.2	1.1	1.1	.7	.5	.4	.3	-	.8

See footnotes at end of table.

TABLE 4. Percent Distribution of Commodities, by Production Area of Destination: 1967--Continued

TCC code	Commodity	Percent distribution by production area ¹ of destination--Continued									Sampling variability code ³
		18 (STLO)	19 (ATLA)	20 (DALL)	21 (HOUS)	22 (DENV)	23 (SETL)	24 (SANF)	25 (LOSA)	All other	
	TON-MILES OF SHIPMENTS--Continued										
3535	Conveyors and conveying equipment (except hoists and farm elevators)....	1.4	5.9	0.2	1.8	0.2	1.7	0.6	8.0	64.9	-
35351	Conveyors and conveying equipment and parts, except hoists and farm elevators.....	1.4	5.9	.2	1.8	.2	1.7	.6	8.0	64.9	-
3537	Industrial trucks, tractors, trailers, stackers, and metal skids, pallets, and platforms.....	.2	.1	.4	6.3	6.6	-	.4	.6	44.5	-
35371	Industrial trucks, tractors, trailers, and stackers.....	.2	.1	.4	6.9	7.2	-	.4	.6	40.5	-
354	Metalworking machinery and equipment... Special dies and tools, die sets, jigs, fixtures, and industrial molds and patterns.....	.4	.7	2.9	1.8	1.1	1.1	5.4	26.7	21.8	-
3544	Special dies and tools, die sets, jigs, fixtures, and industrial molds and patterns.....	.2	.6	.1	1.9	.5	-	.1	19.3	8.4	-
35441	Special dies and tools, die sets, jigs, and fixtures.....	.2	.6	.1	1.9	.5	-	.1	19.3	8.4	-
3545	Machine tool accessories, measuring tools, and measuring devices.....	1.0	.1	5.5	5.2	.1	1.2	5.7	18.5	29.8	-
35451	Small cutting tools for machine tools and metalworking machinery.....	1.0	.1	5.5	5.2	.1	1.2	5.7	18.5	29.8	-
3548	Metalworking machinery (except machine tools).....	.7	.4	3.7	1.2	2.2	1.6	12.1	19.8	43.3	-
355	Special industry machinery (except metalworking machinery).....	.2	-	.8	3.1	.9	2.2	6.8	6.2	54.5	-
3559	Miscellaneous special industry machinery.....	-	-	1.2	9.5	2.8	-	.7	6.6	55.9	-
356	General industrial machinery and equipment.....	1.0	2.5	4.7	.8	.9	4.0	5.4	20.8	33.3	-
35611	Industrial pumps, including hydraulic fluid power pumps and motors.....	.9	2.4	2.5	.9	2.1	.6	1.7	4.9	52.9	-
357	Office, computing, and accounting machines.....	.4	.5	1.3	1.6	.8	23.8	1.2	16.5	37.5	-
3579	Miscellaneous office machines.....	.1	.2	.7	1.9	1.1	32.8	1.0	6.1	42.8	-
35791	Addressing, dictating, and duplicating machines.....	-	.2	.7	1.9	1.1	33.1	1.0	6.1	42.5	-
358	Service industry machines.....	.8	1.8	4.6	2.5	.3	.4	14.0	8.7	49.5	-
359	Miscellaneous machinery and parts (except electrical).....	1.8	2.3	4.0	1.5	.4	.2	9.3	10.1	29.9	-
3599	Miscellaneous machinery and parts (except electrical).....	1.8	2.3	4.0	1.5	.4	.2	9.3	10.1	29.9	-
35999	Machinery and parts, n.e.c. (except electrical).....	1.9	2.3	4.2	1.1	.2	.1	9.8	10.3	28.7	-
36	Electrical machinery and equipment.....	1.5	1.3	2.1	1.4	1.2	1.3	6.7	16.8	44.1	-
361	Electrical transmission and distribution equipment.....	.1	.1	5.0	4.5	2.3	2.0	4.5	25.6	32.9	-
3621	Motors and generators.....	-	-	2.0	-	2.7	-	4.3	.8	68.5	-
36211	Motors.....	-	-	2.2	-	3.0	-	4.7	.9	74.5	-
363	Household appliances.....	.2	2.0	4.2	-	2.2	1.7	1.8	12.0	53.6	-
364	Electric lighting and wiring equipment	.9	.4	1.5	.9	2.0	.7	7.4	12.1	48.6	-
3642	Lighting fixtures.....	1.0	.6	1.9	.8	2.7	1.0	8.1	14.2	42.9	-
365	Radio and television receiving sets (except communication types), phonographs, and phonograph records.....	.8	2.5	.6	.6	.8	.9	7.3	8.9	43.4	-
3651	Radio and television receiving sets (except communication types), and phonographs.....	.8	2.5	.6	.6	.8	.9	7.3	8.9	43.4	-

See footnotes at end of table.

TABLE 4. Percent Distribution of Commodities, by Production Area of Destination: 1967 --Continued

TCC code	Commodity	Number	Percent distribution by production area ¹ of destination							
			Total	1 (BOST)	2 (HART)	3 (NYNY)	4 (N. NJ)	5 (PHIL)	6 (BALT)	7 (ALLN)
	TON-MILES OF SHIPMENTS--Continued	(millions of ton-miles)								
36511	Household and automotive radios, radio-phonograph combinations, and phonographs.....	52	100.0	5.7	0.6	4.5	8.0	16.5	3.7	-
36512	Household television receivers and television combinations.....	60	100.0	3.0	.5	2.2	5.0	4.4	.2	0.3
3662	Radio and television transmitting, signaling, and detection equipment and apparatus.....	7	100.0	1.0	-	3.0	.5	1.3	.3	-
36621	Radio and television transmitting, signaling, and detection equipment and apparatus.....	7	100.0	1.0	-	3.0	.5	1.3	.3	-
367	Electronic components or accessories....	68	100.0	.4	3.3	4.6	5.5	.7	.2	-
3679	Miscellaneous electronic components and accessories.....	38	100.0	.8	.3	4.9	.8	1.2	.3	.1
36791	Miscellaneous electronic components and accessories.....	38	100.0	.8	.3	4.9	.8	1.2	.3	.1
369	Miscellaneous electrical machinery, equipment, and supplies.....	52	100.0	.7	2.4	5.1	.1	1.7	.3	-
3699	Electrical machinery, equipment, and supplies, n.e.c.....	8	100.0	.1	-	.7	.1	.1	.5	-
36999	Electrical machinery, equipment, and supplies, n.e.c.....	8	100.0	.1	-	.7	.1	.1	.5	-
37	Transportation equipment.....	594	100.0	.5	-	.2	3.3	1.3	.8	.3
371	Motor vehicles and motor vehicle equipment.....	386	100.0	.7	-	.1	4.1	1.5	1.2	.1
3714	Motor vehicle parts and accessories.....	327	100.0	.8	-	.1	4.9	1.7	1.4	.1
374	Railroad equipment.....	199	100.0	.1	-	.1	1.7	.8	-	.8
3742	Railroad and street cars.....	160	100.0	.1	-	.1	.4	1.0	-	1.0
37428	Parts and accessories for railroad and street cars, except wheels.....	109	100.0	.1	-	.1	.6	.3	-	1.5
38	Instruments, photographic goods, optical goods, watches, and clocks....	53	100.0	1.4	.7	5.4	2.5	2.6	.8	.3
382	Measuring, controlling, and indicating instruments.....	18	100.0	1.5	1.2	7.0	1.6	3.8	.7	.8
386	Photographic equipment and supplies.....	19	100.0	1.4	.7	4.7	2.8	1.1	1.2	-
3861	Photographic equipment and supplies.....	19	100.0	1.4	.7	4.7	2.8	1.1	1.2	-
39	Miscellaneous products of manufacturing.	172	100.0	4.5	1.0	7.2	1.0	1.8	.7	.7
3999	Manufactured products, n.e.c.....	12	100.0	.8	-	6.8	2.4	2.3	.4	-

See footnotes at end of table.

TABLE 4. Percent Distribution of Commodities, by Production Area of Destination: 1967--Continued

TCC code	Commodity	Percent distribution by production area ¹ of destination--Continued									
		8 (HARR)	9 (SYRA)	10 (BUFF)	11 (CLEV)	12 (PITT)	13 (DETR)	14 (CINC)	15 ² (CHIC)	16 (MILW)	17 (M-SP)
	TON-MILES OF SHIPMENTS--Continued										
36511	Household and automotive radios, radio- phonograph combinations, and phono- graphs.....	0.1	0.1	0.4	1.5	0.4	0.3	0.1	0.2	0.1	0.7
36512	Household television receivers and television combinations.....	1.5	4.0	1.7	.7	1.0	.6	.6	.4	-	.5
3662	Radio and television transmitting, signaling, and detection equipment and apparatus.....	.2	.4	.3	-	.3	.4	-	.1	.1	.1
36621	Radio and television transmitting, signaling, and detection equipment and apparatus.....	.2	.4	.3	-	.3	.4	-	.1	.1	.1
367	Electronic components or accessories...	-	2.9	.2	.2	3.5	1.0	-	1.0	-	1.2
3679	Miscellaneous electronic components and accessories.....	-	.9	.3	.2	2.2	.3	.1	.9	-	.1
36791	Miscellaneous electronic components and accessories.....	-	.9	.3	.2	2.2	.3	.1	.9	-	.1
369	Miscellaneous electrical machinery, equipment, and supplies.....	-	-	.2	.1	-	2.8	.2	1.6	2.7	3.1
3699	Electrical machinery, equipment, and supplies, n.e.c.....	.1	.1	.4	.3	-	.2	.1	.1	-	1.0
36999	Electrical machinery, equipment, and supplies, n.e.c.....	.1	.1	.4	.3	-	.2	.1	.1	-	1.0
37	Transportation equipment.....	-	.1	.5	1.8	.4	8.6	.1	.5	.3	1.1
371	Motor vehicles and motor vehicle equipment.....	-	.1	.6	2.4	.1	11.8	.1	.2	.2	1.7
3714	Motor vehicle parts and accessories....	-	.1	.7	2.8	.1	13.7	-	-	-	1.6
374	Railroad equipment.....	-	-	.2	.6	1.0	2.8	.1	1.2	.4	-
3742	Railroad and street cars.....	-	-	.3	.7	1.3	2.4	.1	1.5	.5	-
37428	Parts and accessories for railroad and street cars, except wheels.....	-	-	.4	.4	1.2	.5	-	.8	.1	-
38	Instruments, photographic goods, optical goods, watches, and clocks....	.4	.4	2.1	2.7	.6	3.8	.9	.1	.3	.8
382	Measuring, controlling, and indicating instruments.....	-	.7	5.7	.7	.3	3.1	1.3	-	.2	.3
386	Photographic equipment and supplies....	.1	.2	.1	.3	.2	2.8	.2	.2	.2	1.1
3861	Photographic equipment and supplies....	.1	.2	.1	.3	.2	2.8	.2	.2	.2	1.1
39	Miscellaneous products of manufacturing	1.0	.1	1.4	.9	1.0	1.6	.1	.4	.4	.8
3999	Manufactured products, n.e.c.....	12.8	.3	.2	3.1	1.9	.1	.7	1.2	.1	.1

See footnotes at end of table.

TABLE 4. Percent Distribution of Commodities, by Production Area of Destination: 1967--Continued

TCC code	Commodity	Percent distribution by production area ¹ of destination--Continued									Sampling variability code ³
		18 (STLO)	19 (ATLA)	20 (DALL)	21 (HOUS)	22 (DENV)	23 (SETL)	24 (SANF)	25 (LOSA)	All other	
	TON-MILES OF SHIPMENTS--Continued										
36511	Household and automotive radios, radio-phonograph combinations, and phonographs.....	0.4	4.6	1.0	0.3	1.1	0.3	1.8	10.8	36.8	-
36512	Household television receivers and television combinations.....	1.2	.6	.2	.8	.6	1.4	12.1	7.2	49.3	-
3662	Radio and television transmitting, signaling, and detection equipment and apparatus.....	-	.4	.2	2.0	.2	.8	27.1	7.4	53.9	-
36621	Radio and television transmitting, signaling, and detection equipment and apparatus.....	-	.4	.2	2.0	.2	.8	27.1	7.4	53.9	-
367	Electronic components or accessories...	.1	.2	.1	.6	.1	.3	15.1	23.6	35.2	-
3679	Miscellaneous electronic components and accessories.....	.1	.2	.2	1.0	.1	.2	26.6	34.0	24.2	-
36791	Miscellaneous electronic components and accessories.....	.1	.2	.2	1.0	.1	.2	26.6	34.0	24.2	-
369	Miscellaneous electrical machinery, equipment, and supplies.....	.9	2.0	1.1	.1	.5	1.6	3.7	15.5	53.6	-
3699	Electrical machinery, equipment, and supplies, n.e.c.....	.1	.1	-	-	-	-	3.5	.9	91.6	-
36999	Electrical machinery, equipment, and supplies, n.e.c.....	.1	.1	-	-	-	-	3.5	.9	91.6	-
37	Transportation equipment.....	2.8	3.6	2.4	.1	.4	7.5	7.2	14.6	41.6	-
371	Motor vehicles and motor vehicle equipment.....	3.2	5.3	3.5	-	.6	-	10.8	16.8	34.9	-
3714	Motor vehicle parts and accessories....	3.4	6.3	4.1	-	.8	-	8.7	19.7	29.0	-
374	Railroad equipment.....	2.2	.4	-	.3	-	22.1	.2	10.9	54.1	-
3742	Railroad and street cars.....	2.7	.4	-	.2	-	27.4	.2	.8	58.9	-
37428	Parts and accessories for railroad and street cars, except wheels.....	2.8	-	-	.2	-	38.0	.3	1.2	51.5	-
38	Instruments, photographic goods, optical goods, watches, and clocks....	1.7	.7	2.4	.6	1.3	1.2	5.3	7.7	53.3	-
382	Measuring, controlling, and indicating instruments.....	.2	.3	3.9	.7	.3	1.8	10.6	6.2	47.1	-
386	Photographic equipment and supplies....	4.0	.6	1.9	.6	3.3	.6	3.1	6.4	62.2	-
3861	Photographic equipment and supplies....	4.0	.6	1.9	.6	3.3	.6	3.1	6.4	62.2	-
39	Miscellaneous products of manufacturing	.4	.3	1.2	.5	.5	1.3	14.9	12.7	43.6	-
3999	Manufactured products, n.e.c.....	1.1	.2	-	.4	-	1.4	2.9	46.5	14.3	-

¹Designations below the area numbers are used to help identify the area. Descriptions of production areas appear on page 4.

²Includes only those shipments that originated in one city in this area and terminated in another city in this area. Does not include shipments originating and terminating in the same city.

³Code letter indicates a sampling variability range as follows: a, 0-9 percent; b, 10-19 percent; c, 20-29 percent; and d, 30-50 percent. The variability for ton-miles has not been estimated.

PRODUCTION AREA 16

Consists of three Standard Metropolitan Statistical Areas:
Milwaukee, Wis.; Kenosha, Wis.; and Racine, Wis.

SUMMARY

The estimates of tons and ton-miles are based on reports from a sample of shipments by approximately 213 manufacturing establishments located in this Production Area. The total tons and ton-miles represent the total inter-city shipments by essentially all manufacturing establishments in the area, except for plants with less than 20 employees. However, since the data are based on a sample, the estimates necessarily are subject to "sampling variability."

The approximate degree of sampling variability for tons for each commodity or commodity class is indicated in the last column of tables 1 to 4. In general, most of the commodity data in this report are subject to substantial sampling variability and should be treated as approximate rather than precise measures.

About 9.8 million tons of commodities were shipped by plants in this area to destinations beyond the local area. These shipments generated 4.3 billion ton-miles by all means of transport combined, and averaged about 436 straight-line miles per ton shipped.

Rail is the dominant means of transport, hauling about 46 percent of the total tons shipped. When measured in terms of ton-miles rather than tons, rail is still dominant, accounting for almost 64 percent of the total ton-miles.

Comparisons between 1967 and 1963 data are presented in tables A through D. The 1967 survey is comparable with 1963, except for the exclusion from the survey, in 1967, of plants with less than 20 employees. Nationally, those plants accounted for only 4 percent of the total tons originated in the 1963 survey.

Table A. PERCENT DISTRIBUTION OF SHIPMENTS
BY MEANS OF TRANSPORT

Means of transport	All commodities	
	1967	1963
Tons of shipments.....millions..	9.8	8.5
Ton-miles.....billions..	4.3	4.4
TONS OF SHIPMENTS		
Percent distribution		
All means of transport.....	100.0	100.0
Rail.....	46.2	53.8
Motor carrier.....	37.6	31.2
Private truck.....	15.0	12.9
Air.....	.1	.4
Water.....	.2	.4
Other.....	.9	1.3
TON-MILES		
All means of transport.....	100.0	100.0
Rail.....	63.8	72.6
Motor carrier.....	27.5	18.6
Private truck.....	6.8	5.7
Air.....	.1	.6
Water.....	.4	.7
Other.....	1.4	1.8

Note: Ton-miles are the product of weight times distance on a straight-line distance basis.

Table C. PERCENT DISTRIBUTION OF SHIPMENTS
BY DISTANCE OF SHIPMENT

Distance shipped	All commodities	
	1967	1963
TONS OF SHIPMENTS		
All distances.....	100.0	100.0
Under 100 miles.....	24.3	16.7
100 to 199 miles.....	11.4	8.2
200 to 299 miles.....	15.2	15.0
300 to 499 miles.....	12.8	17.8
500 to 999 miles.....	29.6	30.8
1,000 to 1,499 miles.....	2.2	7.7
1,500 miles and over.....	4.5	3.8

Table B. AVERAGE LENGTH OF HAUL
BY MEANS OF TRANSPORT

(Straight-line miles)

Means of transport	All commodities	
	1967	1963
All means of transport.....	436	521
Rail.....	602	703
Motor carrier.....	319	311
Private truck.....	198	230

Note: Average length of haul is based on straight-line miles from plant to customer or redistribution point, weighted by tonnage shipped (i.e., ton-miles divided by tons). Rail short-line and highway direct-route distances average about 24 and 21 percent, respectively, longer than straight-line distances.

Table D. PERCENT DISTRIBUTION OF SHIPMENTS
BY AREA OF DESTINATION

Area of destination	All commodities	
	1967	1963
Tons of shipments.....thousands..	9,818	8,520
Ton-miles.....millions..	4,278	4,441
TONS OF SHIPMENTS		
Percent distribution		
All areas.....	100.0	100.0
Production Area 16 ¹	4.9	2.6
Other production areas.....	43.6	37.8
All other areas.....	51.5	59.6
TON-MILES		
All areas.....	100.0	100.0
Production Area 16 ¹.....	.3	.1
Other production areas.....	46.9	34.1
All other areas.....	52.8	65.8

¹Includes only those shipments that originated in one city in this area and terminated in another city in this area.

TABLE 1. Percent Distribution of Commodities, by Means of Transport: 1967

TCC code	Commodity	Number	Percent distribution by means of transport								Sampling variability code ¹
			All means of transport	Rail	Motor carrier	Private truck	Air	Water	Other	Unknown	
	TONS OF SHIPMENTS	(thousands of tons)									
	Production Area 16, total.....	9,818	100.0	46.2	37.6	15.0	0.1	0.2	0.3	0.6	-
20	Food and kindred products.....	5,003	100.0	58.8	19.6	20.0	-	.4	.1	1.1	b
201	Meat, poultry, and small game; fresh, chilled or frozen.....	230	100.0	16.5	54.1	28.9	-	.2	-	.3	c
208	Beverages and flavoring extracts.....	2,747	100.0	40.9	24.1	32.2	-	.7	.2	1.9	a
24	Lumber and wood products, except furniture.	25	100.0	7.9	90.4	1.7	-	-	-	-	a
249	Miscellaneous wood products.....	25	100.0	8.0	90.3	1.7	-	-	-	-	c
2499	Wood products, n.e.c.....	25	100.0	8.0	90.3	1.7	-	-	-	-	c
24992	Pallets and skids.....	24	100.0	8.2	90.1	1.7	-	-	-	-	c
26	Pulp, paper, and allied products.....	311	100.0	19.3	60.5	20.1	-	-	.1	-	d
265	Containers, boxes and related products, paperboard, fiberboard, and pulpboard.	242	100.0	14.5	60.0	25.5	-	-	-	-	d
2651	Containers, boxes, baskets, pallets and skids, paperboard, fiberboard, and pulpboard.....	237	100.0	14.8	59.9	25.3	-	-	-	-	d
26511	Containers and boxes, paperboard, fiberboard, and pulpboard.....	237	100.0	14.8	59.9	25.3	-	-	-	-	d
28	Chemicals and allied products.....	571	100.0	36.4	58.9	4.6	-	-	.1	-	d
31	Leather and leather products.....	27	100.0	11.7	54.7	26.7	.5	-	6.4	-	d
33	Primary metal products.....	834	100.0	32.3	59.2	8.4	-	-	-	.1	d
332	Iron and steel castings.....	263	100.0	10.9	72.6	16.3	-	-	-	.2	b
3321	Iron and steel castings.....	263	100.0	10.9	72.6	16.3	-	-	-	.2	b
33219	Iron and steel castings, n.e.c.....	263	100.0	10.9	72.6	16.3	-	-	-	.2	b
339	Miscellaneous primary metal products...	202	100.0	42.3	51.8	5.8	.1	-	-	-	c
3391	Iron and steel forgings.....	161	100.0	33.3	59.3	7.3	.1	-	-	-	c
33911	Iron and steel forgings.....	161	100.0	33.3	59.3	7.3	.1	-	-	-	c
34	Fabricated metal products.....	569	100.0	8.8	68.1	22.4	.1	.1	.5	-	c
344	Structural and miscellaneous metal products.....	121	100.0	14.7	66.9	18.4	-	-	-	-	d
346	Metal stampings.....	113	100.0	13.2	65.4	21.2	.1	-	.1	-	d
3461	Metal stampings.....	113	100.0	13.2	65.4	21.2	.1	-	.1	-	d
35	Machinery, except electrical.....	896	100.0	30.7	61.3	6.6	.2	-	1.2	-	b
351	Engines and turbines.....	172	100.0	16.6	60.6	22.4	.2	.1	.1	-	b
3519	Miscellaneous internal combustion engines.....	171	100.0	16.6	60.6	22.5	.1	.1	.1	-	b
35199	Internal combustion engines, except aircraft and automotive, n.e.c.....	102	100.0	26.7	59.4	13.7	.1	-	.1	-	b
352	Farm machinery and equipment.....	150	100.0	12.3	84.4	1.1	-	-	2.2	-	d
3522	Farm machinery and equipment.....	150	100.0	12.3	84.4	1.1	-	-	2.2	-	d
353	Construction, mining, and materials handling machinery and equipment.....	297	100.0	56.0	37.6	5.7	.2	-	.5	-	a
3531	Construction machinery and equipment...	192	100.0	50.4	40.4	8.9	.2	-	.1	-	b
35314	Power cranes, draglines, shovels, tractor-shovel-loaders and parts.....	132	100.0	68.9	28.9	2.0	.2	-	-	-	b
3544	Special dies and tools, die sets, jigs, fixtures, and industrial molds and patterns.....	1	100.0	8.9	50.4	38.5	-	-	2.2	-	d
35441	Special dies and tools, die sets, jigs, and fixtures.....	1	100.0	8.9	50.4	38.5	-	-	2.2	-	d

See footnote at end of table.

TABLE 1. Percent Distribution of Commodities, by Means of Transport: 1967--Continued

TCC code	Commodity	Number	Percent distribution by means of transport								Sampling variability code ¹
			All means of transport	Rail	Motor carrier	Private truck	Air	Water	Other	Unknown	
	TONS OF SHIPMENTS--Continued	(thousands of tons)									
356	General industrial machinery and equipment.....	126	100.0	34.5	62.9	0.7	0.4	-	1.5	-	d
3561	Pumps, air and gas compressors, and measuring and dispensing pumps, also pumping equipment.....	13	100.0	-	96.1	.3	2.7	0.2	.7	-	e
36	Electrical machinery and equipment.....	282	100.0	14.7	82.0	1.1	.6	-	1.6	-	e
362	Electrical industrial apparatus.....	82	100.0	5.4	89.5	.4	1.5	-	3.2	-	e
3622	Industrial controls and parts.	31	100.0	14.1	78.6	1.0	1.8	-	4.5	-	e
36221	Industrial controls and parts.....	31	100.0	14.1	78.6	1.0	1.8	-	4.5	-	e
	TON-MILES OF SHIPMENTS	(millions of ton-miles)									
	Production Area 16, total.....	4,278	100.0	63.8	27.5	6.8	.1	.4	.5	0.9	-
20	Food and kindred products.....	2,112	100.0	76.3	11.0	10.3	-	.6	.1	1.7	-
201	Meat, poultry, and small game; fresh, chilled or frozen.....	95	100.0	27.5	51.5	20.8	-	-	-	.2	-
208	Beverages and flavoring extracts.....	1,052	100.0	64.5	12.7	18.0	-	1.2	.3	3.3	-
24	Lumber and wood products, except furniture.....	3	100.0	4.6	94.8	.3	.3	-	-	-	-
249	Miscellaneous wood products.....	3	100.0	4.7	94.7	.3	.3	-	-	-	-
2499	Wood products, n.e.c.....	3	100.0	4.7	94.7	.3	.3	-	-	-	-
24992	Pallets and skids.....	3	100.0	5.2	94.5	.3	-	-	-	-	-
26	Pulp, paper, and allied products.....	64	100.0	42.6	50.9	6.0	.1	.2	.2	-	-
265	Containers, boxes and related products, paperboard, fiberboard, and pulpboard.	29	100.0	36.8	50.1	12.8	-	-	.3	-	-
2651	Containers, boxes, baskets, pallets and skids, paperboard, fiberboard, and pulpboard.....	27	100.0	39.3	46.7	13.7	-	-	.3	-	-
26511	Containers and boxes, paperboard, fiberboard, and pulpboard.....	27	100.0	39.3	46.7	13.7	-	-	.3	-	-
28	Chemicals and allied products.....	295	100.0	61.7	36.0	2.2	-	-	.1	-	-
31	Leather and leather products.....	18	100.0	18.6	41.6	30.2	1.0	-	8.6	-	-
33	Primary metal products.....	261	100.0	54.7	41.9	3.3	.1	-	-	-	-
332	Iron and steel castings.....	46	100.0	16.1	71.6	12.1	-	-	-	.2	-
3321	Iron and steel castings.....	46	100.0	16.1	71.6	12.1	-	-	-	.2	-
33219	Iron and steel castings, n.e.c.....	46	100.0	16.1	71.6	12.1	-	-	-	.2	-
339	Miscellaneous primary metal products...	63	100.0	41.3	54.8	3.7	.2	-	-	-	-
3391	Iron and steel forgings.....	58	100.0	39.6	56.1	4.1	.2	-	-	-	-
33911	Iron and steel forgings.....	58	100.0	39.6	56.1	4.1	.2	-	-	-	-
34	Fabricated metal products.....	199	100.0	21.6	66.9	10.3	.2	.4	.6	-	-
344	Structural and miscellaneous metal products.....	53	100.0	25.4	58.8	15.8	-	-	-	-	-
346	Metal stampings.....	69	100.0	20.7	75.2	3.7	.1	.3	-	-	-
3461	Metal stampings.....	69	100.0	20.7	75.2	3.7	.1	.3	-	-	-

See footnote at end of table.

TABLE 1. Percent Distribution of Commodities, by Means of Transport: 1967--Continued

TCC code	Commodity	Number	Percent distribution by means of transport								Sampling variability code ¹
			All means of transport	Rail	Motor carrier	Private truck	Air	Water	Other	Unknown	
	TON-MILES OF SHIPMENTS--Continued	(millions of ton-miles)									
35	Machinery, except electrical.....	565	100.0	37.6	57.1	3.4	0.3	0.2	1.4	-	-
351	Engines and turbines.....	91	100.0	18.7	62.6	17.3	.4	.9	.1	-	-
3519	Miscellaneous internal combustion engines.....	90	100.0	18.8	62.4	17.4	.4	.9	.1	-	-
35199	Internal combustion engines, except aircraft and automotive, n.e.c.....	48	100.0	32.5	59.8	7.3	.3	-	.1	-	-
352	Farm machinery and equipment.....	96	100.0	13.3	84.4	.1	-	-	2.2	-	-
3522	Farm machinery and equipment.....	96	100.0	13.3	84.4	.1	-	-	2.2	-	-
353	Construction, mining, and materials handling machinery and equipment.....	164	100.0	67.7	29.5	2.0	.4	-	.4	-	-
3531	Construction machinery and equipment...	110	100.0	70.4	26.1	3.0	.4	-	.1	-	-
35314	Power cranes, draglines, shovels, tractor-shovel-loaders and parts.....	96	100.0	77.9	21.2	.5	.4	-	-	-	-
3544	Special dies and tools, die sets, jigs, fixtures, and industrial molds and patterns.....	-	-	-	-	-	-	-	-	-	-
35441	Special dies and tools, die sets, jigs, and fixtures.....	-	-	-	-	-	-	-	-	-	-
356	General industrial machinery and equipment.....	110	100.0	60.4	37.8	-	.4	.1	1.3	-	-
3561	Pumps, air and gas compressors, and measuring and dispensing pumps, also pumping equipment.....	8	100.0	-	93.9	.1	3.8	1.5	.7	-	-
36	Electrical machinery and equipment.....	173	100.0	27.3	68.0	.9	.8	.1	2.9	-	-
362	Electrical industrial apparatus.....	50	100.0	15.1	77.8	.1	1.8	-	5.2	-	-
3622	Industrial controls and parts.....	23	100.0	32.6	57.9	.3	1.7	-	7.5	-	-
36221	Industrial controls and parts.....	23	100.0	32.6	57.9	.3	1.7	-	7.5	-	-

¹Code letter indicates a sampling variability range as follows: a, 0-9 percent; b, 10-19 percent; c, 20-29 percent; and d, 30-50 percent. The variability for ton-miles has not been estimated.

TABLE 2. Percent Distribution of Commodities, by Distance of Shipment: 1967

TCC code	Commodity	Number	Percent distribution by distance of shipment								Sampling variability code ¹
			All distances	Under 100 miles	100 to 199 miles	200 to 299 miles	300 to 499 miles	500 to 999 miles	1,000 to 1,499 miles	1,500 miles or over	
	TONS OF SHIPMENTS	(thousands of tons)									
	Production Area 16, total.....	9,818	100.0	24.3	11.4	15.2	12.8	29.6	2.2	4.5	-
20	Food and kindred products.....	5,003	100.0	21.4	11.3	16.2	11.9	35.3	1.6	2.3	b
201	Meat, poultry, and small game; fresh, chilled or frozen.....	230	100.0	38.2	7.5	6.8	6.7	35.3	2.2	3.3	c
208	Beverages and flavoring extracts.....	2,747	100.0	20.5	11.6	22.9	12.5	29.6	2.5	.4	a
24	Lumber and wood products, except furniture.....	25	100.0	39.1	56.6	2.5	.6	.6	.5	.1	a
249	Miscellaneous wood products.....	25	100.0	39.4	56.9	2.5	-	.6	.5	.1	c
2499	Wood products, n.e.c.....	25	100.0	39.4	56.9	2.5	-	.6	.5	.1	c
24992	Pallets and skids.....	24	100.0	39.5	58.0	2.5	-	-	-	-	c
26	Pulp, paper, and allied products.....	311	100.0	61.7	14.5	6.1	6.8	6.6	1.1	3.2	d
265	Containers, boxes and related products, paperboard, fiberboard, and pulpboard.	242	100.0	72.7	15.3	5.3	2.1	3.3	.4	.9	d
2651	Containers, boxes, baskets, pallets and skids, paperboard, fiberboard, and pulpboard.....	237	100.0	73.3	15.6	5.2	2.0	3.0	-	.9	d
26511	Containers and boxes, paperboard, fiberboard, and pulpboard.....	237	100.0	73.3	15.6	5.2	2.0	3.0	-	.9	d
28	Chemicals and allied products.....	571	100.0	11.1	15.9	13.0	18.2	34.0	2.3	5.5	d
31	Leather and leather products.....	27	100.0	9.6	3.6	4.8	14.5	57.6	3.0	6.9	d
33	Primary metal products.....	834	100.0	37.8	17.3	11.4	14.7	15.2	.1	3.5	d
332	Iron and steel castings.....	263	100.0	43.2	24.1	12.8	16.5	3.3	-	.1	b
3321	Iron and steel castings.....	263	100.0	43.2	24.1	12.8	16.5	3.3	-	.1	b
33219	Iron and steel castings, n.e.c.....	263	100.0	43.2	24.1	12.8	16.5	3.3	-	.1	b
339	Miscellaneous primary metal products...	202	100.0	35.7	23.1	12.8	12.0	12.6	.3	3.5	c
3391	Iron and steel forgings.....	161	100.0	23.2	27.9	14.5	14.3	15.5	.4	4.2	c
33911	Iron and steel forgings.....	161	100.0	23.2	27.9	14.5	14.3	15.5	.4	4.2	c
34	Fabricated metal products.....	569	100.0	39.5	15.9	11.2	12.4	13.5	.6	6.9	c
344	Structural and miscellaneous metal products.....	121	100.0	31.5	7.8	7.2	19.6	24.0	1.5	8.4	d
346	Metal stampings.....	113	100.0	27.7	8.4	13.9	12.2	15.1	1.0	21.7	d
3461	Metal stampings.....	113	100.0	27.7	8.4	13.9	12.2	15.1	1.0	21.7	d
35	Machinery, except electrical.....	896	100.0	9.6	6.6	13.3	18.4	34.6	7.9	9.6	b
351	Engines and turbines.....	172	100.0	15.0	2.1	18.4	20.4	34.6	5.1	4.4	b
3519	Miscellaneous internal combustion engines.....	171	100.0	15.0	2.1	18.4	20.5	34.6	5.2	4.2	b
35199	Internal combustion engines, except aircraft and automotive, n.e.c.....	102	100.0	13.8	2.5	19.2	33.1	20.4	7.3	3.7	b
352	Farm machinery and equipment.....	150	100.0	2.5	4.1	9.7	19.0	55.1	1.7	7.9	d
3522	Farm machinery and equipment.....	150	100.0	2.5	4.1	9.7	19.0	55.1	1.7	7.9	d
353	Construction, mining, and materials handling machinery and equipment.....	297	100.0	11.5	12.6	9.3	25.6	23.1	14.2	3.7	a
3531	Construction machinery and equipment...	192	100.0	15.3	12.3	3.3	27.4	20.6	17.3	3.8	b
35314	Power cranes, draglines, shovels, tractor-shovel-loaders and parts.....	132	100.0	1.5	3.0	3.7	35.5	26.0	25.1	5.2	b
3544	Special dies and tools, die sets, jigs, fixtures, and industrial molds and patterns.....	1	100.0	53.5	4.8	9.8	8.3	2.9	17.1	3.6	d
35441	Special dies and tools, die sets, jigs, and fixtures.....	1	100.0	53.5	4.8	9.8	8.3	2.9	17.1	3.6	d

See footnote at end of table.

TABLE 2. Percent Distribution of Commodities, by Distance of Shipment: 1967--Continued

TCC code	Commodity	Number	Percent distribution by distance of shipment								Sampling variability code ¹
			All distances	Under 100 miles	100 to 199 miles	200 to 299 miles	300 to 499 miles	500 to 999 miles	1,000 to 1,499 miles	1,500 miles or over	
	TONS OF SHIPMENTS--Continued	(thousands of tons)									
356	General industrial machinery and equipment.....	126	100.0	7.7	5.5	16.8	8.5	24.0	10.8	26.7	d
3561	Pumps, air and gas compressors, and measuring and dispensing pumps, also pumping equipment.....	13	100.0	17.7	5.4	9.8	13.5	33.6	13.6	6.4	d
36	Electrical machinery and equipment.....	282	100.0	12.4	3.5	14.0	15.7	38.2	9.9	6.3	d
362	Electrical industrial apparatus.....	82	100.0	13.4	3.4	10.3	15.8	44.0	4.8	8.3	c
3622	Industrial controls and parts.....	31	100.0	8.1	5.8	7.7	26.2	28.0	4.3	19.9	c
36221	Industrial controls and parts.....	31	100.0	8.1	5.8	7.7	26.2	28.0	4.3	19.9	c
	TON-MILES OF SHIPMENTS	(millions of ton-miles)									
	Production Area 16, total.....	4,278	100.0	3.7	3.8	8.6	11.2	48.4	5.8	18.5	-
20	Food and kindred products.....	2,112	100.0	3.7	3.8	9.5	11.1	58.2	4.2	9.5	-
201	Meat, poultry, and small game; fresh, chilled or frozen.....	95	100.0	7.0	2.4	4.3	5.9	59.7	6.4	14.3	-
208	Beverages and flavoring extracts.....	1,052	100.0	3.7	4.4	14.4	12.3	56.1	7.3	1.8	-
24	Lumber and wood products, except furniture.....	3	100.0	21.8	62.3	5.6	1.9	3.4	4.2	.8	-
249	Miscellaneous wood products.....	3	100.0	22.4	63.3	5.7	-	3.5	4.3	.8	-
2499	Wood products, n.e.c.....	3	100.0	22.4	63.3	5.7	-	3.5	4.3	.8	-
24992	Pallets and skids.....	3	100.0	24.1	69.7	6.2	-	-	-	-	-
26	Pulp, paper, and allied products.....	64	100.0	17.5	8.5	7.5	11.7	22.0	6.2	26.6	-
265	Containers, boxes and related products, paperboard, fiberboard, and pulpboard.....	29	100.0	34.1	14.7	11.4	6.0	17.2	3.9	12.7	-
2651	Containers, boxes, baskets, pallets and skids, paperboard, fiberboard, and pulpboard.....	27	100.0	36.8	15.9	11.9	6.0	15.8	.3	13.3	-
26511	Containers and boxes, paperboard, fiberboard, and pulpboard.....	27	100.0	36.8	15.9	11.9	6.0	15.8	.3	13.3	-
28	Chemicals and allied products.....	295	100.0	1.1	4.2	6.4	13.0	51.6	5.3	18.4	-
31	Leather and leather products.....	18	100.0	1.1	.7	1.8	8.1	64.8	5.3	18.2	-
33	Primary metal products.....	261	100.0	8.3	9.1	8.5	16.1	38.0	.4	19.6	-
332	Iron and steel castings.....	46	100.0	15.9	22.6	16.6	31.3	12.7	.2	.7	-
3321	Iron and steel castings.....	46	100.0	15.9	22.6	16.6	31.3	12.7	.2	.7	-
33219	Iron and steel castings, n.e.c.....	46	100.0	15.9	22.6	16.6	31.3	12.7	.2	.7	-
339	Miscellaneous primary metal products...	63	100.0	9.0	12.3	10.0	13.3	34.5	1.2	19.7	-
3391	Iron and steel forgings.....	58	100.0	5.0	12.9	9.7	13.7	37.0	1.2	20.5	-
33911	Iron and steel forgings.....	58	100.0	5.0	12.9	9.7	13.7	37.0	1.2	20.5	-
34	Fabricated metal products.....	199	100.0	7.0	5.8	8.0	13.0	27.2	2.0	37.0	-
344	Structural and miscellaneous metal products.....	53	100.0	4.7	2.0	4.0	15.4	36.7	4.0	33.2	-
346	Metal stampings.....	69	100.0	1.6	1.7	5.7	6.9	19.2	1.8	63.1	-
3461	Metal stampings.....	69	100.0	1.6	1.7	5.7	6.9	19.2	1.8	63.1	-

See footnote at end of table.

TABLE 2. Percent Distribution of Commodities, by Distance of Shipment: 1967--Continued

TCC code	Commodity	Number	Percent distribution by distance of shipment								Sampling variability code ¹
			All distances	Under 100 miles	100 to 199 miles	200 to 299 miles	300 to 499 miles	500 to 999 miles	1,000 to 1,499 miles	1,500 miles or over	
	TON-MILES OF SHIPMENTS--Continued	(millions of ton-miles)									
35	Machinery, except electrical.....	565	100.0	1.1	1.6	5.2	11.1	39.9	14.8	26.3	-
351	Engines and turbines.....	91	100.0	1.5	.6	8.8	14.4	47.8	11.8	15.1	-
3519	Miscellaneous internal combustion engines.....	90	100.0	1.5	.6	8.8	14.5	48.1	11.9	14.6	-
35199	Internal combustion engines, except aircraft and automotive, n.e.c.....	48	100.0	1.9	.8	9.7	25.7	30.0	18.7	13.2	-
352	Farm machinery and equipment.....	96	100.0	.2	1.0	3.8	11.8	60.6	2.7	19.9	-
3522	Farm machinery and equipment.....	96	100.0	.2	1.0	3.8	11.8	60.6	2.7	19.9	-
353	Construction, mining, and materials handling machinery and equipment.....	164	100.0	1.9	3.4	4.2	17.7	31.8	29.7	11.3	-
3531	Construction machinery and equipment...	110	100.0	2.5	3.5	1.5	18.4	28.3	34.5	11.3	-
35314	Power cranes, draglines, shovels, tractor-shovel-loaders and parts.....	96	100.0	.2	.5	1.2	18.8	28.3	39.1	11.9	-
3544	Special dies and tools, die sets, jigs, fixtures, and industrial molds and patterns.....	-	-	-	-	-	-	-	-	-	-
35441	Special dies and tools, die sets, jigs, and fixtures.....	-	-	-	-	-	-	-	-	-	-
356	General industrial machinery and equipment.....	110	100.0	.6	.8	4.9	3.7	19.9	15.7	54.4	-
3561	Pumps, air and gas compressors, and measuring and dispensing pumps, also pumping equipment.....	8	100.0	1.8	1.5	3.9	9.3	39.0	25.6	18.9	-
36	Electrical machinery and equipment.....	173	100.0	1.5	.8	5.8	10.2	44.7	19.1	17.9	-
362	Electrical industrial apparatus.....	50	100.0	1.6	.8	4.4	10.0	50.3	9.1	23.8	-
3622	Industrial controls and parts.....	23	100.0	.8	1.1	2.7	14.3	26.6	7.7	46.8	-
36221	Industrial controls and parts.....	23	100.0	.8	1.1	2.7	14.3	26.6	7.7	46.8	-

¹Code letter indicates a sampling variability range as follows: a, 0-9 percent; b, 10-19 percent; c, 20-29 percent; and d, 30-50 percent. The variability for ton-miles has not been estimated.

TABLE 3. Percent Distribution of Commodities, by Geographic Division of Destination: 1967

TCC code	Commodity	Number	Percent distribution by geographic division ¹ of destination										Sampling variability code ³
			All means of transport	New England	Middle Atlantic	East North Central	West North Central	South Atlantic	East South Central	West South Central	Mountain	Pacific ²	
	TONS OF SHIPMENTS	(thous. of tons)											
	Production Area 16, total.....	9,818	100.0	3.5	14.1	52.7	9.0	6.8	4.3	3.8	1.4	4.4	-
20	Food and kindred products.....	5,003	100.0	4.7	18.0	49.9	8.6	7.5	5.9	2.8	.3	2.3	b
24	Lumber and wood products, except furniture.....	25	100.0	-	.3	95.4	3.5	.2	.1	.4	-	.1	a
26	Pulp, paper, and allied products.....	311	100.0	.5	1.7	83.2	7.1	1.4	1.0	1.4	.5	3.2	d
28	Chemicals and allied products.....	571	100.0	4.7	14.9	46.7	10.6	4.6	3.0	6.6	3.4	5.5	d
31	Leather and leather products.....	27	100.0	15.4	25.3	20.5	9.9	14.2	2.9	3.3	1.8	6.7	d
33	Primary metal products.....	834	100.0	.9	2.0	71.3	8.6	.4	3.1	7.1	3.1	3.5	d
34	Fabricated metal products.....	569	100.0	1.6	6.4	67.3	9.0	3.8	2.3	2.2	.6	6.8	c
35	Machinery, except electrical.....	896	100.0	2.8	18.8	34.4	13.5	6.7	3.9	5.4	5.7	8.8	b
36	Electrical machinery and equipment.....	282	100.0	5.8	11.1	28.9	11.5	21.5	4.9	8.2	1.8	6.3	d
	TON-MILES OF SHIPMENTS	(millions of ton-miles)											
	Production Area 16, total.....	4,278	100.0	6.6	21.1	18.2	7.7	11.8	5.5	7.5	3.4	18.2	-
20	Food and kindred products.....	2,112	100.0	9.2	27.6	18.5	7.9	13.2	7.6	5.7	.8	9.5	-
24	Lumber and wood products, except furniture.....	3	100.0	.2	1.8	83.7	7.9	2.0	.4	3.2	-	.8	-
26	Pulp, paper, and allied products.....	64	100.0	1.9	5.2	35.8	13.7	5.4	2.7	5.9	2.7	26.7	-
28	Chemicals and allied products.....	295	100.0	7.6	18.9	16.7	7.4	9.1	4.5	11.2	6.2	18.4	-
31	Leather and leather products.....	18	100.0	21.8	25.0	5.1	5.3	14.3	2.6	4.6	3.4	17.9	-
33	Primary metal products.....	261	100.0	2.4	4.0	32.5	7.8	.8	5.4	18.3	9.2	19.6	-
34	Fabricated metal products.....	199	100.0	3.9	11.4	22.0	8.4	7.0	3.7	5.0	2.0	36.6	-
35	Machinery, except electrical.....	565	100.0	3.6	20.3	11.6	8.3	9.4	3.5	7.9	11.2	24.2	-
36	Electrical machinery and equipment.....	173	100.0	7.9	11.5	8.6	6.0	27.8	4.0	12.7	3.6	17.9	-

¹States included in the geographic divisions are as follows: NEW ENGLAND--Maine, New Hampshire, Vermont, Massachusetts, Rhode Island, and Connecticut; MIDDLE ATLANTIC--New York, New Jersey, and Pennsylvania; EAST NORTH CENTRAL--Ohio, Indiana, Illinois, Michigan, and Wisconsin; WEST NORTH CENTRAL--Minnesota, Iowa, Missouri, North Dakota, South Dakota, Nebraska, and Kansas; SOUTH ATLANTIC--Delaware, Maryland, District of Columbia, Virginia, West Virginia, North Carolina, South Carolina, Georgia, and Florida; EAST SOUTH CENTRAL--Kentucky, Tennessee, Alabama, and Mississippi; WEST SOUTH CENTRAL--Arkansas, Louisiana, Oklahoma, and Texas; MOUNTAIN--Montana, Idaho, Wyoming, Colorado, New Mexico, Arizona, Utah, and Nevada; PACIFIC--Washington, Oregon, California, Alaska, and Hawaii.

²Shipments to Alaska and Hawaii from the 48 conterminous States and the District of Columbia are included; no data were obtained for shipments originating in Alaska and Hawaii.

³Code letter indicates a sampling variability range as follows: a, 0-9 percent; b, 10-19 percent; c, 20-29 percent; and d, 30-50 percent. The variability for ton-miles has not been estimated.

TABLE 4. Percent Distribution of Commodities, by Production Area of Destination: 1967

TCC code	Commodity	Number	Percent distribution by production area ¹ of destination							
			Total	1 (BOST)	2 (HART)	3 (NYNY)	4 (N. NJ)	5 (PHIL)	6 (BALT)	7 (ALLN)
	TONS OF SHIPMENTS	(thousands of tons)								
	Production Area 16, total.....	9,818	100.0	1.3	0.5	3.5	1.5	1.3	0.6	0.1
20	Food and kindred products.....	5,003	100.0	1.5	.5	3.7	1.8	1.1	.8	-
201	Meat, poultry, and small game; fresh, chilled or frozen.....	230	100.0	3.4	2.4	2.8	.1	7.1	2.9	-
208	Beverages and flavoring extracts.....	2,747	100.0	2.4	.6	3.5	1.4	1.2	.6	-
24	Lumber and wood products, except furniture.....	25	100.0	-	-	-	.3	-	-	-
249	Miscellaneous wood products.....	25	100.0	-	-	-	.3	-	-	-
2499	Wood products, n.e.c.....	25	100.0	-	-	-	.3	-	-	-
24992	Pallets and skids.....	24	100.0	-	-	-	-	-	-	-
26	Pulp, paper, and allied products.....	311	100.0	.3	-	.3	.6	.2	-	-
265	Containers, boxes and related products, paperboard, fiberboard, and pulpboard.....	242	100.0	-	-	-	-	-	-	-
2651	Containers, boxes, baskets, pallets and skids, paperboard, fiberboard, and pulpboard.....	237	100.0	-	-	-	-	-	-	-
26511	Containers and boxes, paperboard, fiberboard, and pulpboard.....	237	100.0	-	-	-	-	-	-	-
28	Chemicals and allied products.....	571	100.0	4.6	-	4.6	.4	5.2	-	.4
31	Leather and leather products.....	27	100.0	2.0	.4	6.4	3.1	.8	-	.1
33	Primary metal products.....	834	100.0	.1	.8	.3	-	.6	-	.4
332	Iron and steel castings.....	263	100.0	-	-	.1	-	.6	-	1.4
3321	Iron and steel castings.....	263	100.0	-	-	.1	-	.6	-	1.4
33219	Iron and steel castings, n.e.c.....	263	100.0	-	-	.1	-	.6	-	1.4
339	Miscellaneous primary metal products...	202	100.0	.2	3.3	.3	-	-	.2	-
3391	Iron and steel forgings.....	161	100.0	.2	4.2	.2	-	-	.2	-
33911	Iron and steel forgings.....	161	100.0	.2	4.2	.2	-	-	.2	-
34	Fabricated metal products.....	569	100.0	.4	.5	.4	.9	.6	.1	.8
344	Structural and miscellaneous metal products.....	121	100.0	1.0	.1	.7	1.9	1.9	.3	3.8
346	Metal stampings.....	113	100.0	-	.1	.9	.3	.3	.1	-
3461	Metal stampings.....	113	100.0	-	.1	.9	.3	.3	.1	-
35	Machinery, except electrical.....	896	100.0	.6	1.6	10.1	1.0	3.1	.1	.3
351	Engines and turbines.....	172	100.0	.1	.1	19.3	.2	.2	-	-
3519	Miscellaneous internal combustion engines.....	171	100.0	.1	.1	19.3	.2	.2	-	-
35199	Internal combustion engines, except aircraft and automotive, n.e.c.....	102	100.0	.1	-	.9	.2	.2	-	-
352	Farm machinery and equipment.....	150	100.0	-	2.1	6.1	1.3	9.2	-	1.3
3522	Farm machinery and equipment.....	150	100.0	-	2.1	6.1	1.3	9.2	-	1.3
353	Construction, mining, and materials handling machinery and equipment.....	297	100.0	.9	.5	6.0	.5	1.7	.1	.1
3531	Construction machinery and equipment...	192	100.0	.5	.2	5.8	.3	1.8	-	-
35314	Power cranes, draglines, shovels, tractor-shovel-loaders and parts.....	132	100.0	.8	.2	8.4	.5	2.0	-	-
3544	Special dies and tools, die sets, jigs, fixtures, and industrial molds and patterns.....	1	100.0	-	-	-	-	.1	-	-
35441	Special dies and tools, die sets, jigs, and fixtures.....	1	100.0	-	-	-	-	.1	-	-

See footnotes at end of table.

TABLE 4. Percent Distribution of Commodities, by Production Area of Destination: 1967--Continued

TCC code	Commodity	Percent distribution by production area ¹ of destination--Continued									
		8 (HARR)	9 (SYRA)	10 (BUFF)	11 (CLEV)	12 (PITT)	13 (DETR)	14 (CINC)	15 (CHIC)	16 ² (MILW)	17 (M-SP)
	TONS OF SHIPMENTS										
	Production Area 16, total.....	2.1	0.5	1.2	2.1	0.5	6.8	1.0	13.0	4.9	0.9
20	Food and kindred products.....	3.9	.2	1.6	1.5	.2	6.8	.8	11.6	2.5	.5
201	Meat, poultry, and small game; fresh, chilled or frozen.....	-	-	.5	1.9	.5	.9	.1	31.0	3.1	.8
208	Beverages and flavoring extracts.....	.4	-	-	2.4	.3	11.1	1.5	10.5	4.0	.3
24	Lumber and wood products, except furniture.....	-	-	-	-	-	-	-	25.7	6.5	2.4
249	Miscellaneous wood products.....	-	-	-	-	-	-	-	26.1	6.4	2.4
2499	Wood products, n.e.c.....	-	-	-	-	-	-	-	26.1	6.4	2.4
24992	Pallets and skids.....	-	-	-	-	-	-	-	25.8	6.5	2.5
26	Pulp, paper, and allied products.....	-	-	.3	1.9	.2	.7	.2	28.5	14.8	2.0
265	Containers, boxes and related products, paperboard, fiberboard, and pulpboard.....	-	-	.1	-	-	.4	-	31.5	18.5	2.2
2651	Containers, boxes, baskets, pallets and skids, paperboard, fiberboard, and pulpboard.....	-	-	.1	-	-	.3	-	31.6	18.5	2.2
26511	Containers and boxes, paperboard, fiberboard, and pulpboard.....	-	-	.1	-	-	.3	-	31.6	18.5	2.2
28	Chemicals and allied products.....	.2	2.3	1.2	7.0	.4	5.0	1.4	9.7	4.4	.6
31	Leather and leather products.....	1.8	.9	2.9	.3	.3	2.3	.4	9.3	.7	.2
33	Primary metal products.....	.1	-	.1	4.7	.1	3.7	1.3	31.1	3.8	.5
332	Iron and steel castings.....	.2	-	-	2.1	-	1.2	2.4	31.6	6.7	.2
3321	Iron and steel castings.....	.2	-	-	2.1	-	1.2	2.4	31.6	6.7	.2
33219	Iron and steel castings, n.e.c.....	.2	-	-	2.1	-	1.2	2.4	31.6	6.7	.2
339	Miscellaneous primary metal products...	-	-	.3	6.3	.2	3.1	2.2	36.4	1.4	1.0
3391	Iron and steel forgings.....	-	-	.4	7.8	.2	3.6	2.6	25.6	1.0	1.1
33911	Iron and steel forgings.....	-	-	.4	7.8	.2	3.6	2.6	25.6	1.0	1.1
34	Fabricated metal products.....	-	.2	.6	1.8	1.3	5.6	.5	17.9	7.6	2.8
344	Structural and miscellaneous metal products.....	-	-	-	1.1	3.4	.8	.7	15.4	8.0	7.6
346	Metal stampings.....	-	.2	.6	1.1	-	5.5	.4	4.6	18.7	.2
3461	Metal stampings.....	-	.2	.6	1.1	-	5.5	.4	4.6	18.7	.2
35	Machinery, except electrical.....	.3	.7	1.7	2.3	1.2	3.7	.5	6.6	.5	.4
351	Engines and turbines.....	.2	.3	.1	1.1	-	1.5	.4	3.5	1.6	.2
3519	Miscellaneous internal combustion engines.....	.2	.3	.1	1.1	-	1.5	.4	3.5	1.6	.2
35199	Internal combustion engines, except aircraft and automotive, n.e.c.....	.3	.5	.2	1.8	-	2.4	.7	5.3	1.8	.2
352	Farm machinery and equipment.....	1.0	2.2	3.7	.3	1.0	3.4	-	.5	.3	.2
3522	Farm machinery and equipment.....	1.0	2.2	3.7	.3	1.0	3.4	-	.5	.3	.2
353	Construction, mining, and materials handling machinery and equipment.....	-	.5	.3	2.7	2.7	1.5	1.0	11.0	-	.5
3531	Construction machinery and equipment...	-	.8	.3	2.1	3.5	1.0	.3	10.5	-	.5
35314	Power cranes, draglines, shovels, tractor-shovel-loaders and parts.....	-	1.2	.4	1.2	5.0	1.4	.4	1.4	.1	-
3544	Special dies and tools, die sets, jigs, fixtures, and industrial molds and patterns.....	-	-	-	-	-	4.4	-	6.4	23.2	-
35441	Special dies and tools, die sets, jigs, and fixtures.....	-	-	-	-	-	4.4	-	6.4	23.2	-

See footnotes at end of table.

TABLE 4. Percent Distribution of Commodities, by Production Area of Destination: 1967--Continued

TCC code	Commodity	Percent distribution by production area ¹ of destination--Continued									Sampling variability code
		18 (STLO)	19 (ATLA)	20 (DALL)	21 (HOUS)	22 (DENV)	23 (SETL)	24 (SANF)	25 (LOSA)	All other	
	TONS OF SHIPMENTS										
	Production Area 16, total.....	1.1	0.6	1.2	0.4	0.7	0.2	0.8	1.7	51.5	-
20	Food and kindred products.....	1.1	.1	.6	.3	.2	.1	.1	.1	58.4	b
201	Meat, poultry, and small game; fresh, chilled or frozen.....	1.0	-	-	.3	.1	.5	1.7	1.1	37.8	c
208	Beverages and flavoring extracts.....	1.0	-	1.0	.3	.3	-	-	-	57.2	a
24	Lumber and wood products, except furniture.....	-	-	.1	.1	-	-	-	-	64.9	a
249	Miscellaneous wood products.....	-	-	.1	.1	-	-	-	-	64.6	c
2499	Wood products, n.e.c.....	-	-	.1	.1	-	-	-	-	64.6	c
24992	Pallets and skids.....	-	-	-	-	-	-	-	-	65.2	c
26	Pulp, paper, and allied products.....	2.3	.1	.3	.3	.2	-	.1	3.0	43.7	d
265	Containers, boxes and related products, paperboard, fiberboard, and pulpboard.	.8	-	-	.2	.1	-	-	.9	45.3	d
2651	Containers, boxes, baskets, pallets and skids, paperboard, fiberboard, and pulpboard.....	.8	-	-	-	-	-	-	.9	45.6	d
26511	Containers and boxes, paperboard, fiberboard, and pulpboard.....	.8	-	-	-	-	-	-	.9	45.6	d
28	Chemicals and allied products.....	1.0	-	2.7	.4	3.1	-	-	5.4	40.0	d
31	Leather and leather products.....	6.0	1.7	.1	.7	-	.4	.6	3.7	54.9	d
33	Primary metal products.....	.8	-	2.9	1.3	3.1	-	-	2.7	41.6	d
332	Iron and steel castings.....	.2	-	.2	-	.1	-	-	.1	52.9	b
3321	Iron and steel castings.....	.2	-	.2	-	.1	-	-	.1	52.9	b
33219	Iron and steel castings, n.e.c.....	.2	-	.2	-	.1	-	-	.1	52.9	b
339	Miscellaneous primary metal products...	.1	-	.5	5.2	.1	-	.1	.3	38.8	c
3391	Iron and steel forgings.....	.1	-	.7	6.5	.2	-	-	.4	45.0	c
33911	Iron and steel forgings.....	.1	-	.7	6.5	.2	-	-	.4	45.0	c
34	Fabricated metal products.....	1.0	.7	.6	.4	.2	-	1.5	.7	52.9	c
344	Structural and miscellaneous metal products.....	2.9	1.0	1.1	.6	-	-	1.8	2.2	43.7	d
346	Metal stampings.....	.4	-	1.6	.4	1.0	.1	5.3	.3	57.9	d
3461	Metal stampings.....	.4	-	1.6	.4	1.0	.1	5.3	.3	57.9	d
35	Machinery, except electrical.....	.5	.2	.9	.4	.1	.2	1.7	5.3	56.0	b
351	Engines and turbines.....	-	-	.7	.5	-	-	1.4	.7	67.9	b
3519	Miscellaneous internal combustion engines.....	-	-	.7	.5	-	-	1.4	.7	67.9	b
35199	Internal combustion engines, except aircraft and automotive, n.e.c.....	-	-	1.0	.9	.1	.1	.1	.7	82.5	b
352	Farm machinery and equipment.....	.2	-	.9	-	-	-	.2	-	66.1	a
3522	Farm machinery and equipment.....	.2	-	.9	-	-	-	.2	-	66.1	a
353	Construction, mining, and materials handling machinery and equipment.....	1.0	.7	.3	.9	-	.1	.6	1.0	65.4	a
3531	Construction machinery and equipment...	-	.7	.3	.3	-	-	.2	1.2	69.7	b
35314	Power cranes, draglines, shovels, tractor-shovel-loaders and parts.....	.1	-	-	.4	-	-	.2	1.7	74.6	c
3544	Special dies and tools, die sets, jigs, fixtures, and industrial molds and patterns.....	7.3	-	-	7.3	-	3.6	-	-	47.7	e
35441	Special dies and tools, die sets, jigs, and fixtures.....	7.3	-	-	7.3	-	3.6	-	-	47.7	e

See footnotes at end of table.

TABLE 4. Percent Distribution of Commodities, by Production Area of Destination: 1967 --Continued

TCC code	Commodity	Number	Percent distribution by production area ¹ of destination							
			Total	1 (BOST)	2 (HART)	3 (NYNY)	4 (N. NJ)	5 (PHIL)	6 (BALT)	7 (ALLN)
	TONS OF SHIPMENTS--Continued	(thousands of tons)								
356	General industrial machinery and equipment.....	126	100.0	0.2	1.3	10.4	0.2	1.7	0.1	0.1
3561	Pumps, air and gas compressors, and measuring and dispensing pumps, also pumping equipment.....	13	100.0	.1	.6	1.1	.2	12.4	.7	.5
36	Electrical machinery and equipment.....	282	100.0	2.8	.2	1.5	1.1	.8	.4	.2
362	Electrical industrial apparatus.....	82	100.0	.7	.2	2.6	1.5	1.3	.2	.6
3622	Industrial controls and parts.....	31	100.0	1.2	.2	3.5	2.6	3.2	.5	.1
36221	Industrial controls and parts.....	31	100.0	1.2	.2	3.5	2.6	3.2	.5	.1
	TON-MILES OF SHIPMENTS	(millions of ton-miles)								
	Production Area 16, total.....	4,278	100.0	2.6	1.0	5.9	2.5	2.0	.8	.2
20	Food and kindred products.....	2,112	100.0	3.1	.9	6.4	3.1	1.8	1.3	-
201	Meat, poultry, and small game; fresh, chilled or frozen.....	95	100.0	7.0	4.6	4.9	.2	11.8	4.5	-
208	Beverages and flavoring extracts.....	1,052	100.0	5.3	1.3	6.7	2.6	2.1	1.0	-
24	Lumber and wood products, except furniture.....	3	100.0	.2	-	-	1.6	.2	-	-
249	Miscellaneous wood products.....	3	100.0	.2	-	-	1.7	.2	-	-
2499	Wood products, n.e.c.....	3	100.0	.2	-	-	1.7	.2	-	-
24992	Pallets and skids.....	3	100.0	-	-	-	-	-	-	-
26	Pulp, paper, and allied products.....	64	100.0	1.3	.1	1.0	2.0	.6	.1	.1
265	Containers, boxes and related products, paperboard, fiberboard, and pulpboard.	29	100.0	.1	-	.1	-	-	-	-
2651	Containers, boxes, baskets, pallets and skids, paperboard, fiberboard, and pulpboard.....	27	100.0	-	-	-	-	-	-	-
26511	Containers and boxes, paperboard, fiberboard, and pulpboard.....	27	100.0	-	-	-	-	-	-	-
28	Chemicals and allied products.....	295	100.0	7.4	-	6.5	.6	6.8	-	.5
31	Leather and leather products.....	18	100.0	2.6	.4	7.2	3.4	.9	-	.1
33	Primary metal products.....	261	100.0	.3	2.0	.7	.1	1.3	.1	.9
332	Iron and steel castings.....	46	100.0	-	.1	.3	-	2.3	-	5.1
3321	Iron and steel castings.....	46	100.0	-	.1	.3	-	2.3	-	5.1
33219	Iron and steel castings, n.e.c.....	46	100.0	-	.1	.3	-	2.3	-	5.1
339	Miscellaneous primary metal products...	63	100.0	.5	8.2	.7	.1	.1	.3	-
3391	Iron and steel forgings.....	58	100.0	.5	8.9	.5	-	.1	.4	-
33911	Iron and steel forgings.....	58	100.0	.5	8.9	.5	-	.1	.4	-
34	Fabricated metal products.....	199	100.0	.9	1.0	.9	1.8	1.2	.2	1.6
344	Structural and miscellaneous metal products.....	53	100.0	1.9	.3	1.1	3.0	2.9	.4	5.7
346	Metal stampings.....	69	100.0	.1	.1	1.1	.3	.3	.1	-
3461	Metal stampings.....	69	100.0	.1	.1	1.1	.3	.3	.1	-

See footnotes at end of table.

**TABLE 4. Percent Distribution of Commodities, by Production Area
of Destination: 1967--Continued**

TCC code	Commodity	Percent distribution by production area ¹ of destination--Continued									
		8 (HARR)	9 (SYRA)	10 (BUFF)	11 (CLEV)	12 (PITT)	13 (DETR)	14 (CINC)	15 (CHIC)	16 ² (MILW)	17 (M-SP)
	TONS OF SHIPMENTS--Continued										
356	General industrial machinery and equipment.....	0.8	0.2	0.2	1.5	0.4	11.5	0.6	8.9	0.2	0.3
3561	Pumps, air and gas compressors, and measuring and dispensing pumps, also pumping equipment.....	-	.5	-	.3	2.9	5.3	-	14.1	2.0	1.2
36	Electrical machinery and equipment.....	.4	-	1.0	2.1	.4	4.8	.7	9.5	1.2	1.6
362	Electrical industrial apparatus.....	.1	-	2.2	2.4	.6	1.8	1.6	8.7	1.2	1.9
3622	Industrial controls and parts.....	.2	.1	2.7	4.1	1.6	2.8	2.6	7.5	.3	1.4
36221	Industrial controls and parts.....	.2	.1	2.7	4.1	1.6	2.8	2.6	7.5	.3	1.4
	TON-MILES OF SHIPMENTS										
	Production Area 16, total.....	3.0	.7	1.3	1.7	.5	3.8	.7	2.4	.3	.6
20	Food and kindred products.....	5.8	.3	1.8	1.3	.2	3.9	.6	2.2	.2	.3
201	Meat, poultry, and small game; fresh, chilled or frozen.....	-	-	.6	1.5	.5	.5	.1	6.2	.1	.6
208	Beverages and flavoring extracts.....	.7	-	-	2.3	.4	7.0	1.2	2.2	.3	.2
24	Lumber and wood products, except furniture.....	-	-	-	-	-	-	-	17.5	1.1	5.5
249	Miscellaneous wood products.....	-	-	-	-	-	-	-	18.0	1.1	5.6
2499	Wood products, n.e.c.....	-	-	-	-	-	-	-	18.0	1.1	5.6
24992	Pallets and skids.....	-	-	-	-	-	-	-	19.2	1.2	6.2
26	Pulp, paper, and allied products.....	-	-	.6	3.1	.5	.8	.3	10.1	1.8	2.9
265	Containers, boxes and related products, paperboard, fiberboard, and pulpboard.	-	-	.5	-	-	.7	-	18.7	3.9	5.4
2651	Containers, boxes, baskets, pallets and skids, paperboard, fiberboard, and pulpboard.....	-	-	.5	-	-	.5	-	20.1	4.2	5.6
26511	Containers and boxes, paperboard, fiberboard, and pulpboard.....	-	-	.5	-	-	.5	-	20.1	4.2	5.6
28	Chemicals and allied products.....	.2	2.7	1.0	4.7	.4	2.5	.9	1.9	.2	.3
31	Leather and leather products.....	1.6	1.0	2.1	.2	.2	.9	.2	1.2	-	.1
33	Primary metal products.....	.1	-	.1	5.1	.2	2.9	1.3	7.6	.3	.5
332	Iron and steel castings.....	.8	-	-	4.2	.1	1.6	4.4	13.0	.9	.3
3321	Iron and steel castings.....	.8	-	-	4.2	.1	1.6	4.4	13.0	.9	.3
33219	Iron and steel castings, n.e.c.....	.8	-	-	4.2	.1	1.6	4.4	13.0	.9	.3
339	Miscellaneous primary metal products...	-	-	.5	6.8	.2	2.4	2.2	9.7	.1	.9
3391	Iron and steel forgings.....	-	.1	.5	7.3	.2	2.4	2.2	6.0	.1	.9
33911	Iron and steel forgings.....	-	.1	.5	7.3	.2	2.4	2.2	6.0	.1	.9
34	Fabricated metal products.....	-	.5	.8	1.8	1.6	3.9	.4	4.0	.5	2.4
344	Structural and miscellaneous metal products.....	-	-	-	.9	3.5	.4	.5	2.9	.4	5.2
346	Metal stampings.....	-	.2	.5	.6	-	2.3	.2	.8	.7	.1
3461	Metal stampings.....	-	.2	.5	.6	-	2.3	.2	.8	.7	.1

See footnotes at end of table.

TABLE 4. Percent Distribution of Commodities, by Production Area of Destination: 1967--Continued

TCC code	Commodity	Percent distribution by production area ¹ of destination--Continued									Sampling variability code ³
		18 (STLO)	19 (ATLA)	20 (DALL)	21 (HOUS)	22 (DENV)	23 (SETL)	24 (SANF)	25 (LOSA)	All other	
	TONS OF SHIPMENTS--Continued										
356	General industrial machinery and equipment.....	0.2	-	0.1	-	-	0.5	6.7	19.5	34.4	d
3561	Pumps, air and gas compressors, and measuring and dispensing pumps, also pumping equipment.....	.2	-	-	-	-	4.5	.5	.5	52.4	d
36	Electrical machinery and equipment.....	.8	3.8	.9	0.9	0.3	.6	.3	3.8	59.9	d
362	Electrical industrial apparatus.....	-	1.1	.1	1.9	.2	.1	.7	6.9	61.4	c
3622	Industrial controls and parts.....	-	2.6	.3	.5	.4	.2	1.6	16.7	43.1	c
36221	Industrial controls and parts.....	-	2.6	.3	.5	.4	.2	1.6	16.7	43.1	c
	TON-MILES OF SHIPMENTS										
	Production Area 16, total.....	.8	.9	2.4	1.0	1.4	.9	3.2	6.7	52.7	-
20	Food and kindred products.....	.8	.2	1.2	.6	.4	.4	.6	.3	62.3	-
201	Meat, poultry, and small game; fresh, chilled or frozen.....	.8	-	-	.8	.3	2.2	7.6	4.5	40.7	-
208	Beverages and flavoring extracts.....	.8	-	2.2	.8	.8	-	-	-	62.1	-
24	Lumber and wood products, except furniture.....	-	-	.6	1.1	-	-	.4	.4	71.4	-
249	Miscellaneous wood products.....	-	-	.6	1.1	-	-	.4	.4	70.7	-
2499	Wood products, n.e.c.....	-	-	.6	1.1	-	-	.4	.4	70.7	-
24992	Pallets and skids.....	-	-	-	-	-	-	-	-	73.4	-
26	Pulp, paper, and allied products.....	3.7	.2	1.1	1.4	.9	.2	.5	24.9	41.8	-
265	Containers, boxes and related products, paperboard, fiberboard, and pulpboard.....	2.1	.1	-	1.6	.5	-	-	12.2	54.1	-
2651	Containers, boxes, baskets, pallets and skids, paperboard, fiberboard, and pulpboard.....	2.3	-	-	-	-	-	-	13.3	53.5	-
26511	Containers and boxes, paperboard, fiberboard, and pulpboard.....	2.3	-	-	-	-	-	-	13.3	53.5	-
28	Chemicals and allied products.....	.7	-	4.5	.7	5.6	.1	-	18.1	33.7	-
31	Leather and leather products.....	3.0	1.8	.2	1.1	-	1.0	1.6	9.9	59.3	-
33	Primary metal products.....	.9	-	8.0	4.1	9.0	-	.2	15.2	39.1	-
332	Iron and steel castings.....	.4	-	.8	.1	.4	-	-	.6	64.6	-
3321	Iron and steel castings.....	.4	-	.8	.1	.4	-	-	.6	64.6	-
33219	Iron and steel castings, n.e.c.....	.4	-	.8	.1	.4	-	-	.6	64.6	-
339	Miscellaneous primary metal products...	.1	-	1.4	16.5	.4	-	.8	1.6	46.5	-
3391	Iron and steel forgings.....	-	-	1.6	17.9	.4	-	-	1.8	48.2	-
33911	Iron and steel forgings.....	-	-	1.6	17.9	.4	-	-	1.8	48.2	-
34	Fabricated metal products.....	.9	1.3	1.4	1.1	.5	.2	8.1	3.3	59.7	-
344	Structural and miscellaneous metal products.....	2.1	1.5	2.1	1.3	-	-	7.6	8.7	47.6	-
346	Metal stampings.....	.2	-	2.2	.7	1.5	.2	16.0	.8	71.0	-
3461	Metal stampings.....	.2	-	2.2	.7	1.5	.2	16.0	.8	71.0	-

See footnotes at end of table.

TABLE 4. Percent Distribution of Commodities, by Production Area of Destination: 1967 --Continued

TCC code	Commodity	Number	Percent distribution by production area ¹ of destination							
			Total	1 (BOST)	2 (HART)	3 (NYNY)	4 (N. NJ)	5 (PHIL)	6 (BALT)	7 (ALLN)
	TON-MILES OF SHIPMENTS--Continued	(millions of ton-miles)								
35	Machinery, except electrical.....	565	100.0	0.7	1.9	11.7	1.1	3.4	0.1	0.4
351	Engines and turbines.....	91	100.0	.2	.1	26.6	.3	.2	-	-
3519	Miscellaneous internal combustion engines.....	90	100.0	.2	.1	26.7	.3	.2	-	-
35199	Internal combustion engines, except aircraft and automotive, n.e.c.....	48	100.0	.3	-	1.3	.3	.3	-	-
352	Farm machinery and equipment.....	96	100.0	.1	2.6	6.9	1.4	9.9	-	1.4
3522	Farm machinery and equipment.....	96	100.0	.1	2.6	6.9	1.4	9.9	-	1.4
353	Construction, mining, and materials... handling machinery and equipment.....	164	100.0	1.4	.7	7.9	.7	2.1	.2	.1
3531	Construction machinery and equipment...	110	100.0	.8	.2	7.4	.4	2.2	-	-
35314	Power cranes, draglines, shovels, tractor-shovel-loaders and parts.....	96	100.0	.9	.3	8.4	.5	1.9	-	-
3544	Special dies and tools, die sets, jigs, fixtures, and industrial molds and patterns.....	-	-	-	-	-	-	-	-	-
35441	Special dies and tools, die sets, jigs, and fixtures.....	-	-	-	-	-	-	-	-	-
356	General industrial machinery and equipment.....	110	100.0	.2	1.1	8.7	.1	1.3	.1	.1
3561	Pumps, air and gas compressors, and measuring and dispensing pumps, also pumping equipment.....	8	100.0	.1	.7	1.3	.2	14.2	.7	.5
36	Electrical machinery and equipment.....	173	100.0	4.0	.3	1.8	1.3	.9	.4	.2
362	Electrical industrial apparatus.....	50	100.0	1.0	.2	3.2	1.7	1.5	.2	.6
3622	Industrial controls and parts.....	23	100.0	1.4	.2	3.4	2.5	2.9	.4	.1
36221	Industrial controls and parts.....	23	100.0	1.4	.2	3.4	2.5	2.9	.4	.1

See footnotes at end of table.

TABLE 4. Percent Distribution of Commodities, by Production Area of Destination: 1967--Continued

TCC code	Commodity	Percent distribution by production area ¹ of destination--Continued									
		8 (HARR)	9 (SYRA)	10 (BUFF)	11 (CLEV)	12 (PITT)	13 (DETR)	14 (CINC)	15 (CHIC)	16 ² (MILW)	17 (M-SP)
	TON-MILES OF SHIPMENTS--Continued										
35	Machinery, except electrical.....	0.3	0.7	1.4	1.2	0.8	1.4	0.2	1.0	-	0.2
351	Engines and turbines.....	.2	.4	.1	.8	-	.7	.3	.6	0.1	.1
3519	Miscellaneous internal combustion engines.....	.2	.4	.1	.8	-	.7	.3	.6	.1	.1
35199	Internal combustion engines, except aircraft and automotive, n.e.c.....	.4	.7	.2	1.4	-	1.3	.5	1.0	.1	.1
352	Farm machinery and equipment.....	1.0	2.4	2.7	.1	.7	1.2	-	.1	-	.1
3522	Farm machinery and equipment.....	1.0	2.4	2.7	.1	.7	1.2	-	.1	-	.1
353	Construction, mining, and materials handling machinery and equipment.....	-	.6	.2	1.7	2.0	.7	.5	2.0	-	.3
3531	Construction machinery and equipment...	-	.8	.2	1.3	2.5	.4	.1	1.7	-	.3
35314	Power cranes, draglines, shovels, tractor-shovel-loaders and parts.....	-	.9	.3	.6	2.8	.5	.2	.2	-	-
3544	Special dies and tools, die sets, jigs, fixtures, and industrial molds and patterns.....	-	-	-	-	-	-	-	-	-	-
35441	Special dies and tools, die sets, jigs, and fixtures.....	-	-	-	-	-	-	-	-	-	-
356	General industrial machinery and equipment.....	.5	.1	.1	.6	.2	3.3	.2	.9	-	.1
3561	Pumps, air and gas compressors, and measuring and dispensing pumps, also pumping equipment.....	-	.5	-	.2	2.1	2.1	-	1.6	.1	.6
36	Electrical machinery and equipment.....	.4	-	.8	1.2	.3	2.1	.4	1.2	-	.7
362	Electrical industrial apparatus.....	.1	-	1.7	1.3	.4	.7	.8	1.2	.1	.9
3622	Industrial controls and parts.....	.2	.1	1.7	1.8	.9	.9	1.1	.8	-	.6
36221	Industrial controls and parts.....	.2	.1	1.7	1.8	.9	.9	1.1	.8	-	.6

See footnotes at end of table.

TABLE 4. Percent Distribution of Commodities, by Production Area of Destination: 1967--Continued

TCC code	Commodity	Percent distribution by production area ¹ of destination--Continued									Sampling variability code ³
		18 (STLO)	19 (ATLA)	20 (DALL)	21 (HOUS)	22 (DENV)	23 (SETL)	24 (SANF)	25 (LOSA)	All other	
	TON-MILES OF SHIPMENTS--Continued										
35	Machinery, except electrical.....	0.3	0.3	1.3	0.7	0.1	0.6	4.9	14.4	50.9	-
351	Engines and turbines.....	-	-	1.1	1.0	.1	.1	4.9	2.3	59.8	-
3519	Miscellaneous internal combustion engines.....	-	-	1.1	1.0	.1	.1	4.9	2.3	59.7	-
35199	Internal combustion engines, except aircraft and automotive, n.e.c.....	-	.1	1.7	1.8	.1	.2	.3	2.6	85.3	-
352	Farm machinery and equipment.....	.1	-	1.2	-	-	-	.5	-	67.6	-
3522	Farm machinery and equipment.....	.1	-	1.2	-	-	-	.5	-	67.6	-
353	Construction, mining, and materials handling machinery and equipment.....	.6	.8	.5	1.6	-	.4	2.1	3.0	69.9	-
3531	Construction machinery and equipment...	-	.8	.4	.5	-	.1	.7	3.6	75.6	-
35314	Power cranes, draglines, shovels, tractor-shovel-loaders and parts.....	-	-	-	.5	-	-	.5	4.1	77.4	-
3544	Special dies and tools, die sets, jigs, fixtures, and industrial molds and patterns.....	-	-	-	-	-	-	-	-	-	-
35441	Special dies and tools, die sets, jigs, and fixtures.....	-	-	-	-	-	-	-	-	-	-
356	General industrial machinery and equipment.....	.1	-	.1	-	-	.9	14.1	39.3	27.9	-
3561	Pumps, air and gas compressors, and measuring and dispensing pumps, also pumping equipment.....	.1	-	-	-	-	12.8	1.5	1.3	59.4	-
36	Electrical machinery and equipment.....	.4	4.2	1.3	1.5	.5	1.7	.8	10.8	62.8	-
362	Electrical industrial apparatus.....	-	1.2	.2	3.1	.2	.3	2.1	19.8	57.5	-
3622	Industrial controls and parts.....	-	2.3	.4	.6	.5	.5	3.9	39.2	33.6	-
36221	Industrial controls and parts.....	-	2.3	.4	.6	.5	.5	3.9	39.2	33.6	-

¹Designations below the area numbers are used to help identify the area. Descriptions of production areas appear on page 4.

²Includes only those shipments that originated in one city in this area and terminated in another city in this area. Does not include shipments originating and terminating in the same city.

³Code letter indicates a sampling variability range as follows: a, 0-9 percent; b, 10-19 percent; c, 20-29 percent; and d, 30-50 percent. The variability for ton-miles has not been estimated.

PRODUCTION AREA 17

Consists of one Standard Metropolitan Statistical Area:
Minneapolis-St. Paul, Minn.

SUMMARY

The estimates of tons and ton-miles are based on reports from a sample of shipments by approximately 147 manufacturing establishments located in this Production Area. The total tons and ton-miles represent the total inter-city shipments by essentially all manufacturing establishments in the area, except for plants with less than 20 employees. However, since the data are based on a sample, the estimates necessarily are subject to "sampling variability."

The approximate degree of sampling variability for tons for each commodity or commodity class is indicated in the last column of tables 1 to 4. In general, most of the commodity data in this report are subject to substantial sampling variability and should be treated as approximate rather than precise measures.

About 10.4 million tons of commodities were shipped by plants in this area to destinations beyond the local area. These shipments generated 2.9 billion ton-miles by all means of transport combined, and averaged about 275 straight-line miles per ton shipped.

About 37 percent of the commodities shipped from this Production Area were hauled by rail and one third by motor carrier. When measured in terms of ton-miles, rather than tons, rail accounted for almost 56 percent and motor carrier accounted for 28 percent of the total.

Comparisons between 1967 and 1963 data are presented in tables A through D. The 1967 survey is comparable with 1963, except for the exclusion from the survey, in 1967, of plants with less than 20 employees. Nationally, those plants accounted for only 4 percent of the total tons originated in the 1963 survey.

**Table A. PERCENT DISTRIBUTION OF SHIPMENTS
BY MEANS OF TRANSPORT**

Means of transport	All commodities	
	1967	1963
Tons of shipments.....millions..	10.4	12.1
Ton-miles.....billions..	2.9	3.0
TONS OF SHIPMENTS		
Percent distribution		
All means of transport.....	100.0	100.0
Rail.....	36.8	35.9
Motor carrier.....	33.3	40.0
Private truck.....	15.7	10.0
Air.....	.1	-
Water.....	13.0	8.3
Other.....	1.1	5.8
TON-MILES		
All means of transport.....	100.0	100.0
Rail.....	55.8	58.4
Motor carrier.....	28.2	32.1
Private truck.....	10.6	5.9
Air.....	.3	.1
Water.....	2.9	2.4
Other.....	2.2	1.1

Note: Ton-miles are the product of weight times distance on a straight-line distance basis.

**Table B. AVERAGE LENGTH OF HAUL
BY MEANS OF TRANSPORT**

Means of transport	(Straight-line miles)	
	All commodities	
	1967	1963
All means of transport.....	275	248
Rail.....	417	404
Motor carrier.....	233	199
Private truck.....	186	147

Note: Average length of haul is based on straight-line miles from plant to customer or redistribution point, weighted by tonnage shipped (i.e., ton-miles divided by tons). Rail short-line and highway direct-route distances average about 24 and 21 percent, respectively, longer than straight-line distances.

**Table C. PERCENT DISTRIBUTION OF SHIPMENTS
BY DISTANCE OF SHIPMENT**

Distance shipped	All commodities	
	1967	1963
TONS OF SHIPMENTS		
Percent distribution		
All distances.....	100.0	100.0
Under 100 miles.....	35.5	37.9
100 to 199 miles.....	22.3	22.2
200 to 299 miles.....	14.9	14.7
300 to 499 miles.....	12.3	11.1
500 to 999 miles.....	8.5	9.2
1,000 to 1,499 miles.....	5.6	4.0
1,500 miles and over.....	.9	.9

**Table D. PERCENT DISTRIBUTION OF SHIPMENTS
BY AREA OF DESTINATION**

Area of destination	All commodities	
	1967	1963
Tons of shipments.....thousands..	10,442	12,080
Ton-miles.....millions..	2,875	2,997
TONS OF SHIPMENTS		
Percent distribution		
All areas.....	100.0	100.0
Production Area 17 ¹	17.1	20.5
Other production areas.....	14.7	17.6
All other areas.....	68.2	61.9
TON-MILES		
All areas.....	100.0	100.0
Production Area 17 ¹	1.3	1.7
Other production areas.....	35.7	45.2
All other areas.....	63.0	53.1

¹Includes only those shipments that originated in one city in this area and terminated in another city in this area.

TABLE 1. Percent Distribution of Commodities, by Means of Transport: 1967

TCC code	Commodity	Number	Percent distribution by means of transport								Sampling variability code ¹
			All means of transport	Rail	Motor carrier	Private truck	Air	Water	Other	Unknown	
	TONS OF SHIPMENTS	(thousands of tons)									
	Production Area 17, total.....	10,442	100.0	36.8	33.3	15.7	0.1	13.0	0.9	0.2	-
20	Food and kindred products.....	5,326	100.0	44.3	29.8	23.7	-	.6	1.4	.2	d
201	Meat, poultry, and small game; fresh, chilled or frozen.....	565	100.0	34.3	27.8	25.0	-	-	12.9	-	b
2013	Meat products.....	202	100.0	44.0	14.8	33.7	-	-	7.5	-	d
20132	Meats and sausage, cooked, cured, dried, smoked, or salted.....	142	100.0	42.1	5.7	44.3	-	-	7.9	-	d
208	Beverages and flavoring extracts.....	512	100.0	29.2	5.8	64.9	-	-	-	.1	a
23	Apparel, including knit apparel, and other finished textile products.....	8	100.0	-	65.7	5.7	-	.4	28.0	.2	d
264	Converted paper and paperboard products (except containers and boxes).....	118	100.0	37.5	44.7	17.5	-	-	.3	-	d
28	Chemicals and allied products.....	383	100.0	17.5	54.0	27.6	-	-	.1	.8	d
285	Paints, varnishes, lacquers, enamels, and allied products.....	85	100.0	28.0	50.6	20.6	-	-	.1	.7	d
2851	Paints, varnishes, lacquers, enamels, and allied products.....	85	100.0	28.0	50.6	20.6	-	-	.1	.7	d
30	Rubber and miscellaneous plastics products.....	24	100.0	2.6	86.5	7.5	1.1	.6	1.7	-	d
307	Miscellaneous plastic products.....	16	100.0	.3	94.2	1.5	1.2	.9	1.9	-	d
3071	Miscellaneous plastic products.....	16	100.0	.3	94.2	1.5	1.2	.9	1.9	-	d
32	Stone, clay, and glass products.....	89	100.0	25.4	62.2	8.5	-	-	-	3.9	d
34	Fabricated metal products.....	79	100.0	19.1	46.2	34.6	-	-	.1	-	b
344	Structural and miscellaneous metal products.....	28	100.0	4.3	46.2	49.4	.1	-	-	-	d
349	Miscellaneous fabricated metal products	3	100.0	-	93.4	6.5	-	-	.1	-	d
35	Machinery, except electrical.....	340	100.0	29.5	55.4	13.7	.8	-	.5	.1	c
353	Construction, mining, and materials handling machinery and equipment.....	138	100.0	58.8	32.4	8.2	.3	-	.3	-	d
3531	Construction machinery and equipment...	126	100.0	60.7	30.7	8.1	.2	-	.3	-	d
358	Service industry machines.....	35	100.0	7.0	90.8	.5	.6	.2	.5	.4	d
3585	Refrigerators and refrigeration machinery (except household), and complete air conditioning units.....	32	100.0	7.7	90.9	-	.6	.2	.4	.2	d
359	Miscellaneous machinery and parts (except electrical).....	3	100.0	-	50.7	32.5	7.8	-	9.0	-	d
3599	Miscellaneous machinery and parts (except electrical).....	3	100.0	-	50.7	32.5	7.8	-	9.0	-	d
35999	Machinery and parts, n.e.c. (except electrical).....	3	100.0	-	50.7	32.5	7.8	-	9.0	-	d
36	Electrical machinery and equipment.....	105	100.0	45.2	47.3	2.2	3.3	.9	1.1	-	b
369	Miscellaneous electrical machinery, equipment, and supplies.....	3	100.0	1.0	97.4	-	1.2	-	.4	-	d

See footnote at end of table.

TABLE 1. Percent Distribution of Commodities, by Means of Transport: 1967--Continued

TCC code	Commodity	Number	Percent distribution by means of transport								Sampling variability code ¹
			All means of transport	Rail	Motor carrier	Private truck	Air	Water	Other	Unknown	
	TON-MILES OF SHIPMENTS	(millions of ton-miles)									
	Production Area 17, total.....	2,875	100.0	55.8	28.2	10.6	0.3	2.9	2.0	0.2	-
20	Food and kindred products.....	1,515	100.0	60.5	19.6	14.6	-	2.3	2.8	.2	-
201	Meat, poultry, and small game; fresh, chilled or frozen.....	254	100.0	48.4	21.9	13.5	-	-	16.2	-	-
2013	Meat products.....	103	100.0	49.6	9.4	27.7	-	-	13.3	-	-
20132	Meats and sausage, cooked, cured, dried, smoked, or salted.....	63	100.0	35.6	4.1	43.7	-	-	16.6	-	-
208	Beverages and flavoring extracts.....	162	100.0	44.9	3.7	51.3	-	-	-	.1	-
23	Apparel, including knit apparel, and other finished textile products.....	4	100.0	-	59.0	3.6	-	3.4	33.9	.1	-
264	Converted paper and paperboard products (except containers and boxes).....	63	100.0	73.9	22.8	2.9	-	-	.4	-	-
28	Chemicals and allied products.....	138	100.0	29.3	54.6	15.9	-	-	.1	.1	-
285	Paints, varnishes, lacquers, enamels, and allied products.....	44	100.0	64.3	20.7	14.7	-	-	-	.3	-
2851	Paints, varnishes, lacquers, enamels, and allied products.....	44	100.0	64.3	20.7	14.7	-	-	-	.3	-
30	Rubber and miscellaneous plastics products.....	12	100.0	2.2	87.5	2.6	1.7	4.6	1.4	-	-
307	Miscellaneous plastic products.....	9	100.0	.2	91.3	.1	1.5	5.9	1.0	-	-
3071	Miscellaneous plastic products.....	9	100.0	.2	91.3	.1	1.5	5.9	1.0	-	-
32	Stone, clay, and glass products.....	50	100.0	40.4	55.2	1.2	-	-	-	3.2	-
34	Fabricated metal products.....	21	100.0	18.5	62.5	18.7	.1	-	.2	-	-
344	Structural and miscellaneous metal products.....	5	100.0	6.8	45.4	47.6	.2	-	-	-	-
349	Miscellaneous fabricated metal products	2	100.0	-	95.3	4.7	-	-	-	-	-
35	Machinery, except electrical.....	209	100.0	25.7	61.7	10.7	1.1	.1	.6	.1	-
353	Construction, mining, and materials handling machinery and equipment.....	76	100.0	50.6	41.6	7.1	.4	-	.3	-	-
3531	Construction machinery and equipment...	69	100.0	51.9	39.7	7.7	.3	-	.4	-	-
358	Service industry machines.....	27	100.0	8.9	88.6	.1	.8	.8	.6	.2	-
3585	Refrigerators and refrigeration machinery (except household), and complete air conditioning units.....	25	100.0	9.6	88.0	-	.8	.9	.5	.2	-
359	Miscellaneous machinery and parts (except electrical).....	1	100.0	-	65.3	20.3	6.7	-	7.7	-	-
3599	Miscellaneous machinery and parts (except electrical).....	1	100.0	-	65.3	20.3	6.7	-	7.7	-	-
35999	Machinery and parts, n.e.c. (except electrical).....	1	100.0	-	65.3	20.3	6.7	-	7.7	-	-
36	Electrical machinery and equipment.....	74	100.0	39.9	50.6	1.6	5.0	1.4	1.5	-	-
369	Miscellaneous electrical machinery, equipment, and supplies.....	2	100.0	.8	97.2	-	1.7	-	.3	-	-

¹Code letter indicates a sampling variability range as follows: a, 0-9 percent; b, 10-19 percent; c, 20-29 percent; and d, 30-50 percent. The variability for ton-miles has not been estimated.

TABLE 2. Percent Distribution of Commodities, by Distance of Shipment: 1967

TCC code	Commodity	Number	Percent distribution by distance of shipment								Sampling variability code ¹
			All distances	Under 100 miles	100 to 199 miles	200 to 299 miles	300 to 499 miles	500 to 999 miles	1,000 to 1,499 miles	1,500 miles or over	
	TONS OF SHIPMENTS	(thousands of tons)									
	Production Area 17, total.....	10,442	100.0	35.5	22.3	14.9	12.3	8.5	5.6	0.9	-
20	Food and kindred products.....	5,326	100.0	25.9	27.1	18.3	14.1	7.8	6.2	.6	d
201	Meat, poultry, and small game; fresh, chilled or frozen.....	565	100.0	16.5	5.2	13.1	35.9	13.8	15.4	.1	b
2013	Meat products.....	202	100.0	7.2	2.7	9.2	48.3	13.3	19.0	.3	d
20132	Meats and sausage, cooked, cured, dried, smoked, or salted.....	142	100.0	9.1	3.3	6.5	58.0	16.5	6.2	.4	d
208	Beverages and flavoring extracts.....	512	100.0	18.2	17.7	21.2	28.1	9.3	5.5	-	a
23	Apparel, including knit apparel, and other finished textile products.....	8	100.0	14.1	7.5	23.3	17.2	27.1	6.4	4.4	d
264	Converted paper and paperboard products (except containers and boxes).....	118	100.0	26.2	16.6	12.8	3.8	21.9	18.6	.1	d
28	Chemicals and allied products.....	383	100.0	22.0	5.9	31.7	23.9	9.7	6.0	.8	d
285	Paints, varnishes, lacquers, enamels, and allied products.....	85	100.0	24.4	7.6	16.5	25.4	4.3	21.7	.1	d
2851	Paints, varnishes, lacquers, enamels, and allied products.....	85	100.0	24.4	7.6	16.5	25.4	4.3	21.7	.1	d
30	Rubber and miscellaneous plastics products.....	24	100.0	14.8	10.2	10.9	16.9	36.2	8.4	2.6	d
307	Miscellaneous plastic products.....	16	100.0	10.8	3.9	9.2	13.9	49.6	8.9	3.7	d
3071	Miscellaneous plastic products.....	16	100.0	10.8	3.9	9.2	13.9	49.6	8.9	3.7	d
32	Stone, clay, and glass products.....	89	100.0	15.3	16.8	5.9	25.3	16.2	13.5	7.0	d
34	Fabricated metal products.....	79	100.0	35.5	14.4	30.6	3.4	10.1	5.8	.2	b
344	Structural and miscellaneous metal products.....	28	100.0	44.2	6.8	41.2	2.0	5.4	.4	-	d
349	Miscellaneous fabricated metal products	3	100.0	.8	5.1	6.3	12.9	74.9	-	-	d
35	Machinery, except electrical.....	340	100.0	19.0	3.5	7.6	14.3	32.2	20.2	3.2	c
353	Construction, mining, and materials handling machinery and equipment.....	138	100.0	29.8	3.9	4.5	14.4	16.9	28.3	2.2	d
3531	Construction machinery and equipment...	126	100.0	31.6	2.0	4.1	15.4	15.8	28.9	2.2	d
358	Service industry machines.....	35	100.0	1.9	.9	10.3	11.8	38.6	33.7	2.8	d
3585	Refrigerators and refrigeration machinery (except household), and complete air conditioning units.....	32	100.0	1.0	.3	10.6	12.0	38.4	35.1	2.6	d
359	Miscellaneous machinery and parts (except electrical).....	3	100.0	11.8	19.9	18.3	15.6	28.7	5.5	.2	d
3599	Miscellaneous machinery and parts (except electrical).....	3	100.0	11.8	19.9	18.3	15.6	28.7	5.5	.2	d
35999	Machinery and parts, n.e.c. (except electrical).....	3	100.0	11.8	19.9	18.3	15.6	28.7	5.5	.2	d
36	Electrical machinery and equipment.....	105	100.0	2.1	1.6	5.5	21.8	46.8	19.4	2.8	b
369	Miscellaneous electrical machinery, equipment, and supplies.....	3	100.0	5.9	.2	25.5	5.2	12.2	31.2	19.8	d

See footnote at end of table.

TABLE 2. Percent Distribution of Commodities, by Distance of Shipment: 1967--Continued

TCC code	Commodity	Number	Percent distribution by distance of shipment								Sampling vari- ability code ¹
			All dis- tances	Under 100 miles	100 to 199 miles	200 to 299 miles	300 to 499 miles	500 to 999 miles	1,000 to 1,499 miles	1,500 miles or over	
	TON-MILES OF SHIPMENTS	(millions of ton-miles)									
	Production Area 17, total.....	2,875	100.0	5.3	12.3	13.3	16.8	23.1	23.9	5.3	-
20	Food and kindred products.....	1,515	100.0	5.0	13.9	15.6	18.4	19.9	23.9	3.3	-
201	Meat, poultry, and small game; fresh, chilled or frozen.....	254	100.0	1.5	1.8	7.6	27.3	24.8	36.6	.4	-
2013	Meat products.....	103	100.0	.6	.8	4.4	32.6	20.5	40.3	.8	-
20132	Meats and sausage, cooked, cured, dried, smoked, or salted.....	63	100.0	.9	1.2	3.6	45.0	29.4	18.5	1.4	-
208	Beverages and flavoring extracts.....	162	100.0	2.5	8.8	16.9	32.6	19.8	19.4	-	-
23	Apparel, including knit apparel, and other finished textile products.....	4	100.0	1.3	2.3	11.7	12.6	41.7	14.7	15.7	-
264	Converted paper and paperboard products (except containers and boxes).....	63	100.0	2.8	4.4	6.4	2.9	33.8	49.3	.4	-
28	Chemicals and allied products.....	138	100.0	2.4	2.8	21.3	26.8	20.3	22.9	3.5	-
285	Paints, varnishes, lacquers, enamels, and allied products.....	44	100.0	2.2	2.3	7.8	21.5	6.1	59.8	.3	-
2851	Paints, varnishes, lacquers, enamels, and allied products.....	44	100.0	2.2	2.3	7.8	21.5	6.1	59.8	.3	-
30	Rubber and miscellaneous plastics products.....	12	100.0	1.7	2.9	5.4	13.2	48.3	17.9	10.6	-
307	Miscellaneous plastic products.....	9	100.0	.9	1.2	3.8	9.4	55.2	16.5	13.0	-
3071	Miscellaneous plastic products.....	9	100.0	.9	1.2	3.8	9.4	55.2	16.5	13.0	-
32	Stone, clay, and glass products.....	50	100.0	1.4	4.2	2.5	18.3	20.7	34.0	18.9	-
34	Fabricated metal products.....	21	100.0	8.6	8.3	27.1	4.9	27.2	22.9	1.0	-
344	Structural and miscellaneous metal products.....	5	100.0	14.8	6.8	52.3	4.8	18.8	2.5	-	-
349	Miscellaneous fabricated metal products	2	100.0	.1	1.3	2.9	8.6	87.1	-	-	-
35	Machinery, except electrical.....	209	100.0	1.1	.8	3.2	9.6	41.7	35.5	8.1	-
353	Construction, mining, and materials handling machinery and equipment.....	76	100.0	1.1	1.1	2.1	11.4	24.3	53.8	6.2	-
3531	Construction machinery and equipment...	69	100.0	1.2	.6	1.9	12.2	22.9	55.0	6.2	-
358	Service industry machines.....	27	100.0	.1	.2	3.6	6.5	37.2	46.5	5.9	-
3585	Refrigerators and refrigeration machin- ery (except household), and complete air conditioning units.....	25	100.0	-	.1	3.7	6.6	36.4	47.7	5.5	-
359	Miscellaneous machinery and parts (except electrical).....	1	100.0	1.7	8.6	10.5	14.7	50.9	12.9	.7	-
3599	Miscellaneous machinery and parts (except electrical).....	1	100.0	1.7	8.6	10.5	14.7	50.9	12.9	.7	-
35999	Machinery and parts, n.e.c. (except electrical).....	1	100.0	1.7	8.6	10.5	14.7	50.9	12.9	.7	-
36	Electrical machinery and equipment.....	74	100.0	.1	.4	2.0	11.4	49.7	30.2	6.2	-
369	Miscellaneous electrical machinery, equipment, and supplies.....	2	100.0	.5	-	8.1	2.2	11.4	42.3	35.5	-

¹Code letter indicates a sampling variability range as follows: a, 0-9 percent, b, 10-19 percent; c, 20-29 percent; and d, 30-50 percent. The variability for ton-miles has not been estimated.

TABLE 3. Percent Distribution of Commodities, by Geographic Division of Destination: 1967

TCC code	Commodity	Number	Percent distribution by geographic division ¹ of destination										Sampling variability code ³
			All means of transport	New England	Middle Atlantic	East North Central	West North Central	South Atlantic	East South Central	West South Central	Mountain	Pacific ²	
	TONS OF SHIPMENTS	(thous. of tons)											
	Production Area 17, total.....	10,442	100.0	0.8	3.5	27.9	60.0	1.4	0.7	1.9	1.3	2.5	-
20	Food and kindred products.....	5,326	100.0	1.1	3.7	36.7	52.0	1.6	.6	1.9	1.1	1.3	d
23	Apparel, including knit apparel, and other finished textile products.....	8	100.0	.4	11.0	17.9	50.9	1.0	.7	4.8	6.9	6.4	d
28	Chemicals and allied products.....	383	100.0	.2	1.3	23.9	61.7	1.3	2.5	2.7	.9	5.5	d
30	Rubber and miscellaneous plastics products.....	24	100.0	.5	5.9	34.2	39.7	6.7	5.4	3.4	.9	3.3	d
32	Stone, clay, and glass products.....	89	100.0	.1	-	20.4	52.6	6.1	.1	-	.4	20.3	d
34	Fabricated metal products.....	79	100.0	2.0	3.0	11.8	75.7	1.4	1.6	2.3	2.0	.2	b
35	Machinery, except electrical.....	340	100.0	1.7	20.8	21.1	29.9	6.1	5.4	9.3	1.1	4.6	c
36	Electrical machinery and equipment.....	105	100.0	4.5	12.7	35.5	10.8	9.5	5.1	15.3	3.1	3.5	b
	TON-MILES OF SHIPMENTS	(millions of ton-miles)											
	Production Area 17, total.....	2,875	100.0	3.2	11.6	27.0	26.7	5.5	2.1	6.6	3.9	13.4	-
20	Food and kindred products.....	1,515	100.0	4.2	11.6	34.1	25.3	6.3	1.8	6.9	3.2	6.6	-
23	Apparel, including knit apparel, and other finished textile products.....	4	100.0	.8	20.4	10.1	25.0	2.1	1.1	8.5	11.2	20.8	-
28	Chemicals and allied products.....	138	100.0	.6	3.5	19.4	37.2	3.3	5.3	6.1	2.3	22.3	-
30	Rubber and miscellaneous plastics products.....	12	100.0	1.1	10.9	31.8	14.4	13.0	8.2	6.4	1.7	12.5	-
32	Stone, clay, and glass products.....	50	100.0	.3	.1	15.5	21.1	9.9	.1	-	.5	52.5	-
34	Fabricated metal products.....	21	100.0	8.2	10.4	11.7	45.2	4.8	4.7	8.8	5.2	1.0	-
35	Machinery, except electrical.....	209	100.0	3.0	31.6	12.7	8.4	10.1	6.8	14.3	1.8	11.3	-
36	Electrical machinery and equipment.....	74	100.0	7.1	16.8	21.1	4.6	13.4	5.5	20.4	3.6	7.5	-

¹States included in the geographic divisions are as follows: NEW ENGLAND--Maine, New Hampshire, Vermont, Massachusetts, Rhode Island, and Connecticut; MIDDLE ATLANTIC--New York, New Jersey, and Pennsylvania; EAST NORTH CENTRAL--Ohio, Indiana, Illinois, Michigan, and Wisconsin; WEST NORTH CENTRAL--Minnesota, Iowa, Missouri, North Dakota, South Dakota, Nebraska, and Kansas; SOUTH ATLANTIC--Delaware, Maryland, District of Columbia, Virginia, West Virginia, North Carolina, South Carolina, Georgia, and Florida; EAST SOUTH CENTRAL--Kentucky, Tennessee, Alabama, and Mississippi; WEST SOUTH CENTRAL--Arkansas, Louisiana, Oklahoma, and Texas; MOUNTAIN--Montana, Idaho, Wyoming, Colorado, New Mexico, Arizona, Utah, and Nevada; PACIFIC--Washington, Oregon, California, Alaska, and Hawaii.

²Shipments to Alaska and Hawaii from the 48 conterminous States and the District of Columbia are included; no data were obtained for shipments originating in Alaska and Hawaii.

³Code letter indicates a sampling variability range as follows: a, 0-9 percent; b, 10-19 percent; c, 20-29 percent; and d, 30-50 percent. The variability for ton-miles has not been estimated.

TABLE 4. Percent Distribution of Commodities, by Production Area of Destination: 1967

TCC code	Commodity	Number	Percent distribution by production area ¹ of destination							
			Total	1 (BOST)	2 (HART)	3 (NYNY)	4 (N. NJ)	5 (PHIL)	6 (BALT)	7 (ALLN)
	TONS OF SHIPMENTS	(thousands of tons)								
	Production Area 17, total.....	10,442	100.0	0.2	0.2	0.7	0.7	0.3	0.3	-
20	Food and kindred products.....	5,326	100.0	.3	.3	.7	1.2	.1	.5	-
201	Meat, poultry, and small game; fresh, chilled or frozen.....	565	100.0	.5	3.3	5.6	.1	.5	.1	0.1
2013	Meat products.....	202	100.0	-	.6	14.3	.2	.1	.2	.3
20132	Meats and sausage, cooked, cured, dried, smoked, or salted.....	142	100.0	-	-	.4	.2	.1	.3	.4
208	Beverages and flavoring extracts.....	512	100.0	-	-	-	-	-	-	-
23	Apparel, including knit apparel, and other finished textile products.....	8	100.0	.2	-	.8	.1	7.4	-	.2
264	Converted paper and paperboard products (except containers and boxes).....	118	100.0	-	-	-	-	.1	-	-
28	Chemicals and allied products.....	383	100.0	.2	-	.1	.1	.4	-	-
285	Paints, varnishes, lacquers, enamels, and allied products.....	85	100.0	-	-	-	.3	-	-	-
2851	Paints, varnishes, lacquers, enamels, and allied products.....	85	100.0	-	-	-	.3	-	-	-
30	Rubber and miscellaneous plastics products.....	24	100.0	.2	.3	.9	3.7	1.3	-	-
307	Miscellaneous plastic products.....	16	100.0	.3	.4	1.0	3.1	1.9	-	-
3071	Miscellaneous plastic products.....	16	100.0	.3	.4	1.0	3.1	1.9	-	-
32	Stone, clay, and glass products.....	89	100.0	-	.1	-	-	-	-	-
34	Fabricated metal products.....	79	100.0	1.7	.2	.4	1.3	.4	.2	-
344	Structural and miscellaneous metal products.....	28	100.0	-	-	-	-	-	-	-
349	Miscellaneous fabricated metal products	3	100.0	-	-	-	-	4.0	-	-
35	Machinery, except electrical.....	340	100.0	.8	.1	7.4	.7	1.4	.6	.1
353	Construction, mining, and materials handling machinery and equipment.....	138	100.0	.6	-	12.9	.5	1.3	-	-
3531	Construction machinery and equipment...	126	100.0	.7	-	12.5	.5	1.4	-	-
358	Service industry machines.....	35	100.0	3.7	.4	8.2	2.6	2.3	3.4	.2
3585	Refrigerators and refrigeration machinery (except household), and complete air conditioning units.....	32	100.0	4.0	.1	8.9	2.9	2.5	3.3	-
359	Miscellaneous machinery and parts (except electrical).....	3	100.0	-	-	.8	-	-	-	-
3599	Miscellaneous machinery and parts (except electrical).....	3	100.0	-	-	.8	-	-	-	-
35999	Machinery and parts, n.e.c. (except electrical).....	3	100.0	-	-	.8	-	-	-	-
36	Electrical machinery and equipment.....	105	100.0	1.3	.7	3.9	.4	.8	.2	.3
369	Miscellaneous electrical machinery, equipment, and supplies.....	3	100.0	.2	6.4	7.8	-	.4	4.3	-

See footnotes at end of table.

TABLE 4. Percent Distribution of Commodities, by Production Area of Destination: 1967--Continued

TCC code	Commodity	Percent distribution by production area ¹ of destination--Continued									
		8 (HARR)	9 (SYRA)	10 (BUFF)	11 (CLEV)	12 (PITT)	13 (DETR)	14 (CINC)	15 (CHIC)	16 (MILW)	17 ² (M-SP)
	TONS OF SHIPMENTS										
	Production Area 17, total.....	0.3	0.2	0.6	0.6	0.3	0.9	0.4	4.6	1.4	17.1
20	Food and kindred products.....	-	.2	.7	.8	.5	1.4	.6	5.9	1.7	3.8
201	Meat, poultry, and small game; fresh, chilled or frozen.....	-	1.6	1.1	1.2	.1	1.8	.3	30.5	6.6	9.4
2013	Meat products.....	-	1.1	-	3.2	-	.9	.1	43.2	2.6	3.6
20132	Meats and sausage, cooked, cured, dried, smoked, or salted.....	-	1.6	.1	4.6	-	.2	.1	53.0	1.7	4.1
208	Beverages and flavoring extracts.....	-	-	-	-	-	4.1	-	13.6	3.5	4.9
23	Apparel, including knit apparel, and other finished textile products.....	-	1.1	1.3	.1	-	.4	.3	2.5	3.1	1.6
264	Converted paper and paperboard products (except containers and boxes).....	-	-	.5	.1	-	.1	-	.3	4.1	6.2
28	Chemicals and allied products.....	-	-	-	.3	.2	.3	.3	6.9	1.8	10.8
285	Paints, varnishes, lacquers, enamels, and allied products.....	-	-	-	-	-	.1	-	1.1	.5	6.5
2851	Paints, varnishes, lacquers, enamels, and allied products.....	-	-	-	-	-	.1	-	1.1	.5	6.5
30	Rubber and miscellaneous plastics products.....	-	-	.6	3.8	.6	12.9	-	4.7	.5	1.9
307	Miscellaneous plastic products.....	-	-	.9	5.7	.7	19.4	.1	3.4	.2	2.3
3071	Miscellaneous plastic products.....	-	-	.9	5.7	.7	19.4	.1	3.4	.2	2.3
32	Stone, clay, and glass products.....	-	-	-	6.5	-	2.7	-	8.3	.5	3.8
34	Fabricated metal products.....	-	-	.1	1.3	.3	.6	-	1.4	.4	1.0
344	Structural and miscellaneous metal products.....	-	-	-	-	-	.4	-	.2	.1	2.2
349	Miscellaneous fabricated metal products	-	-	-	30.1	-	-	-	1.2	-	.1
35	Machinery, except electrical.....	5.7	.3	2.2	.6	.4	1.5	1.2	1.4	1.8	10.9
353	Construction, mining, and materials handling machinery and equipment.....	.2	.1	.7	.3	.4	1.7	.2	1.0	1.7	26.4
3531	Construction machinery and equipment...	.2	-	.7	.3	.4	1.7	.1	1.0	1.3	28.0
358	Service industry machines.....	.7	.6	.3	3.4	.1	1.4	5.6	2.2	5.6	.8
3585	Refrigerators and refrigeration machinery (except household), and complete air conditioning units.....	.8	-	.4	3.7	-	.6	6.1	2.2	5.9	.5
359	Miscellaneous machinery and parts (except electrical).....	1.1	-	-	-	-	-	.2	3.9	5.4	-
3599	Miscellaneous machinery and parts (except electrical).....	1.1	-	-	-	-	-	.2	3.9	5.4	-
35999	Machinery and parts, n.e.c. (except electrical).....	1.1	-	-	-	-	-	.2	3.9	5.4	-
36	Electrical machinery and equipment.....	5.4	.1	.5	.4	.6	1.0	.1	15.5	2.6	.5
369	Miscellaneous electrical machinery, equipment, and supplies.....	-	-	.2	.5	.3	-	-	3.2	10.3	-

See footnotes at end of table.

TABLE 4. Percent Distribution of Commodities, by Production Area of Destination: 1967--Continued

TCC code	Commodity	Percent distribution by production area ¹ of destination--Continued									Sampling variability code ³
		18 (STLO)	19 (ATLA)	20 (DALL)	21 (HOUS)	22 (DENV)	23 (SETL)	24 (SANF)	25 (LOSA)	All other	
	TONS OF SHIPMENTS										
	Production Area 17, total.....	0.7	0.1	0.3	0.3	0.3	0.5	0.3	0.5	68.2	-
20	Food and kindred products.....	.7	.1	.2	.4	.3	.3	.4	-	78.9	d
201	Meats, poultry, and small game; fresh, chilled or frozen.....	.4	.7	.2	-	-	.6	-	-	35.3	b
2013	Meat products.....	.4	2.0	.5	-	-	1.7	-	-	25.0	d
20132	Meats and sausage, cooked, cured, dried, smoked, or salted.....	.5	2.8	.7	-	.1	2.4	-	-	26.7	d
208	Beverages and flavoring extracts.....	-	-	-	1.7	1.4	.9	-	-	69.9	a
23	Apparel, including knit apparel, and other finished textile products.....	.5	.1	2.0	.2	2.1	.2	1.3	.4	74.1	d
264	Converted paper and paperboard products (except containers and boxes).....	.3	.7	15.5	.1	.4	17.1	.1	-	54.4	d
28	Chemicals and allied products.....	.2	-	.2	.1	.1	-	-	-	78.0	d
285	Paints, varnishes, lacquers, enamels, and allied products.....	.1	-	-	-	-	-	.1	-	91.3	d
2851	Paints, varnishes, lacquers, enamels, and allied products.....	.1	-	-	-	-	-	.1	-	91.3	d
30	Rubber and miscellaneous plastics products.....	.8	1.7	1.3	-	.3	.1	.6	1.2	62.6	d
307	Miscellaneous plastic products.....	.9	.8	.5	-	.5	-	.8	1.6	55.5	d
3071	Miscellaneous plastic products.....	.9	.8	.5	-	.5	-	.8	1.6	55.5	d
32	Stone, clay, and glass products.....	14.6	-	-	-	-	10.9	-	8.8	43.8	d
34	Fabricated metal products.....	.3	-	-	2.0	1.5	-	.1	-	86.8	b
344	Structural and miscellaneous metal products.....	.6	-	-	.4	.1	-	-	-	96.0	d
349	Miscellaneous fabricated metal products	-	-	-	-	36.1	-	-	-	28.5	d
35	Machinery, except electrical.....	4.2	.5	.4	.6	.1	.4	.5	1.2	55.0	c
353	Construction, mining, and materials handling machinery and equipment.....	8.9	.1	.2	.2	-	.1	.4	1.4	40.7	d
3531	Construction machinery and equipment..	9.6	.1	.2	.1	-	.1	.2	1.5	39.4	d
358	Service industry machines.....	2.1	1.4	.7	1.7	.3	.4	.4	1.3	50.2	d
3585	Refrigerators and refrigeration machinery (except household), and complete air conditioning units.....	2.3	1.5	.7	1.8	.3	.2	.4	1.2	49.7	d
359	Miscellaneous machinery and parts (except electrical).....	.2	.7	.1	.6	1.6	-	.1	-	85.3	d
3599	Miscellaneous machinery and parts (except electrical).....	.2	.7	.1	.6	1.6	-	.1	-	85.3	d
35999	Machinery and parts, n.e.c. (except electrical).....	.2	.7	.1	.6	1.6	-	.1	-	85.3	d
36	Electrical machinery and equipment.....	2.4	2.1	4.2	3.3	.8	.2	1.2	.9	50.6	b
369	Miscellaneous electrical machinery, equipment, and supplies.....	.2	-	-	.1	.7	-	19.1	11.6	34.7	d

See footnotes at end of table.

TABLE 4. Percent Distribution of Commodities, by Production Area of Destination: 1967 --Continued

TCC code	Commodity	Number	Percent distribution by production area ¹ of destination							
			Total	1 (BOST)	2 (HART)	3 (NYNY)	4 (N. NJ)	5 (PHIL)	6 (BALT)	7 (ALLN)
	TON-MILES OF SHIPMENTS	(millions of ton-miles)								
	Production Area 17, total.....	2,875	100.0	1.0	0.8	2.6	2.6	1.0	1.0	0.1
20	Food and kindred products.....	1,515	100.0	1.1	1.3	2.6	4.4	.3	1.6	-
201	Meat, poultry, and small game; fresh, chilled or frozen.....	254	100.0	1.3	7.6	12.5	.1	1.1	.1	.3
2013	Meat products.....	103	100.0	-	1.1	28.2	.3	.2	.3	.5
20132	Meats and sausage, cooked, cured, dried, smoked, or salted.....	63	100.0	-	-	1.0	.5	.3	.6	.8
208	Beverages and flavoring extracts.....	162	100.0	-	-	-	-	-	-	-
23	Apparel, including knit apparel, and other finished textile products.....	4	100.0	.5	.1	1.5	.2	14.4	-	.3
264	Converted paper and paperboard products (except containers and boxes).....	63	100.0	-	-	-	-	.2	-	-
28	Chemicals and allied products.....	138	100.0	.6	-	.3	.3	1.1	.1	-
285	Paints, varnishes, lacquers, enamels, and allied products.....	44	100.0	-	-	-	.6	-	-	-
2851	Paints, varnishes, lacquers, enamels, and allied products.....	44	100.0	-	-	-	.6	-	-	-
30	Rubber and miscellaneous plastics products.....	12	100.0	.4	.5	1.8	7.1	2.4	-	-
307	Miscellaneous plastic products.....	9	100.0	.6	.7	1.7	5.1	3.1	-	-
3071	Miscellaneous plastic products.....	9	100.0	.6	.7	1.7	5.1	3.1	-	-
32	Stone, clay, and glass products.....	50	100.0	-	.2	.1	-	-	-	-
34	Fabricated metal products.....	21	100.0	7.1	.9	1.5	4.8	1.4	.6	-
344	Structural and miscellaneous metal products.....	5	100.0	-	-	-	-	.1	-	-
349	Miscellaneous fabricated metal products	2	100.0	-	-	-	-	6.6	-	-
35	Machinery, except electrical.....	209	100.0	1.5	.2	12.2	1.1	2.2	.9	.2
353	Construction, mining, and materials handling machinery and equipment.....	76	100.0	1.3	-	23.7	.9	2.3	-	.1
3531	Construction machinery and equipment...	69	100.0	1.4	-	23.0	1.0	2.5	-	.1
358	Service industry machines.....	27	100.0	5.3	.6	10.8	3.4	2.9	4.1	.3
3585	Refrigerators and refrigeration machinery (except household), and complete air conditioning units.....	25	100.0	5.6	.2	11.5	3.7	3.1	3.9	-
359	Miscellaneous machinery and parts (except electrical).....	1	100.0	-	-	1.7	-	-	-	-
3599	Miscellaneous machinery and parts (except electrical).....	1	100.0	-	-	1.7	-	-	-	-
35999	Machinery and parts, n.e.c. (except electrical).....	1	100.0	-	-	1.7	-	-	-	-
36	Electrical machinery and equipment.....	74	100.0	2.1	1.1	5.6	.6	1.2	.3	.4
369	Miscellaneous electrical machinery, equipment, and supplies.....	2	100.0	.2	7.5	8.9	-	.4	4.5	-

See footnotes at end of table.

TABLE 4. Percent Distribution of Commodities, by Production Area of Destination: 1967--Continued

TCC code	Commodity	Percent distribution by production area ¹ of destination--Continued									
		8 (HARR)	9 (SYRA)	10 (BUFF)	11 (CLEV)	12 (PITT)	13 (DETR)	14 (CINC)	15 (CHIC)	16 (MILW)	17 ² (M-SP)
	TON-MILES OF SHIPMENTS										
	Production Area 17, total.....	0.9	0.6	1.5	1.4	0.8	1.8	0.8	5.6	1.5	1.3
20	Food and kindred products.....	-	.6	1.9	1.8	1.2	2.5	1.2	7.2	1.7	.3
201	Meat, poultry, and small game; fresh, chilled or frozen.....	-	3.4	2.0	1.7	.1	2.1	.3	22.9	4.2	.5
2013	Meat products.....	-	2.0	.1	4.0	-	.9	.1	29.0	1.5	.1
20132	Meats and sausage, cooked, cured, dried, smoked, or salted.....	-	3.3	.1	6.5	.1	.2	.2	40.7	1.1	.2
208	Beverages and flavoring extracts.....	-	-	-	-	-	6.7	-	14.8	3.2	.3
23	Apparel, including knit apparel, and other finished textile products.....	-	1.9	1.8	.1	-	.4	.4	1.7	1.8	-
264	Converted paper and paperboard products (except containers and boxes).....	-	-	.7	.1	-	.1	-	.2	2.3	.3
28	Chemicals and allied products.....	-	-	-	.6	.4	.4	.4	6.5	1.4	.6
285	Paints, varnishes, lacquers, enamels, and allied products.....	-	-	-	-	-	.1	-	.7	.3	.3
2851	Paints, varnishes, lacquers, enamels, and allied products.....	-	-	-	-	-	.1	-	.7	.3	.3
30	Rubber and miscellaneous plastics products.....	-	-	.9	4.7	.8	13.3	-	3.3	.3	.1
307	Miscellaneous plastic products.....	-	-	1.2	5.9	.9	17.0	.1	2.0	.1	-
3071	Miscellaneous plastic products.....	-	-	1.2	5.9	.9	17.0	.1	2.0	.1	-
32	Stone, clay, and glass products.....	-	-	-	7.2	-	2.6	-	5.1	.3	.1
34	Fabricated metal products.....	-	-	.3	3.1	.8	1.2	.1	1.8	.5	.1
344	Structural and miscellaneous metal products.....	-	-	-	.1	-	1.2	-	.4	.1	.2
349	Miscellaneous fabricated metal products	-	-	-	32.6	-	-	-	.7	-	-
35	Machinery, except electrical.....	8.7	.5	2.6	.6	.5	1.3	1.2	.8	.9	.3
353	Construction, mining, and materials handling machinery and equipment.....	.3	.1	1.0	.3	.5	1.6	.2	.6	.9	.8
3531	Construction machinery and equipment...	.3	.1	1.0	.3	.5	1.7	.1	.6	.7	.8
358	Service industry machines.....	.8	.7	.3	2.7	.1	1.0	4.3	1.0	2.1	-
3585	Refrigerators and refrigeration machinery (except household), and complete air conditioning units.....	.9	-	.3	2.9	-	.4	4.6	1.0	2.2	-
359	Miscellaneous machinery and parts (except electrical).....	2.1	-	.1	-	-	-	.3	2.9	3.5	-
3599	Miscellaneous machinery and parts (except electrical).....	2.1	-	.1	-	-	-	.3	2.9	3.5	-
35999	Machinery and parts, n.e.c. (except electrical).....	2.1	-	.1	-	-	-	.3	2.9	3.5	-
36	Electrical machinery and equipment.....	6.8	.1	.5	.4	.6	.7	.1	7.6	1.1	-
369	Miscellaneous electrical machinery, equipment, and supplies.....	-	-	.2	.4	.2	-	-	1.2	3.-	-

See footnotes at end of table.

TABLE 4. Percent Distribution of Commodities, by Production Area of Destination: 1967--Continued

TCC code	Commodity	Percent distribution by production area ¹ of destination--Continued									Sampling variability code ³
		18 (STLO)	19 (ATLA)	20 (DALL)	21 (HOUS)	22 (DENV)	23 (SETL)	24 (SANF)	25 (LOSA)	All other	
	TON-MILES OF SHIPMENTS										
	Production Area 17, total.....	1.2	0.3	1.1	1.3	0.7	2.8	1.7	2.6	63.0	-
20	Food and kindred products.....	1.0	.3	.5	1.6	.6	1.7	1.9	-	62.7	-
201	Meat, poultry, and small game; fresh, chilled or frozen.....	.4	1.5	.3	-	-	1.9	-	.1	35.6	-
2013	Meat products.....	.3	3.5	.9	-	.1	4.8	-	-	22.1	-
20132	Meats and sausage, cooked, cured, dried smoked, or salted.....	.5	5.7	1.4	-	.1	7.8	-	-	28.9	-
208	Beverages and flavoring extracts.....	-	-	-	5.5	3.2	3.9	-	-	62.4	-
23	Apparel, including knit apparel, and other finished textile products.....	.5	.2	3.4	.4	2.9	.5	3.9	1.0	62.1	-
264	Converted paper and paperboard products (except containers and boxes).....	.2	1.1	25.2	.2	.5	46.1	.4	-	22.4	-
28	Chemicals and allied products.....	.2	-	.4	.3	.2	.1	.1	.1	85.9	-
285	Paints, varnishes, lacquers, enamels, and allied products.....	.1	-	-	-	-	-	.3	.1	97.5	-
2851	Paints, varnishes, lacquers, enamels, and allied products.....	.1	-	-	-	-	-	.3	.1	97.5	-
30	Rubber and miscellaneous plastics products.....	.7	3.0	2.2	-	.4	.2	1.7	3.5	52.7	-
307	Miscellaneous plastic products.....	.7	1.1	.6	-	.6	-	2.1	3.9	52.6	-
3071	Miscellaneous plastic products.....	.7	1.1	.6	-	.6	-	2.1	3.9	52.6	-
32	Stone, clay, and glass products.....	11.9	-	-	-	-	27.4	-	23.8	21.3	-
34	Fabricated metal products.....	.6	.1	-	7.7	3.9	-	.9	.1	62.5	-
344	Structural and miscellaneous metal products.....	1.6	-	-	2.3	.5	-	-	-	93.5	-
349	Miscellaneous fabricated metal products	-	-	-	-	42.5	-	-	-	17.6	-
35	Machinery, except electrical.....	3.2	.7	.6	1.0	.1	.9	1.2	2.9	53.7	-
353	Construction, mining, and materials handling machinery and equipment.....	7.5	.1	.4	.4	-	.3	1.1	3.9	51.7	-
3531	Construction machinery and equipment...	8.1	.1	.4	.2	-	.3	.7	4.3	51.8	-
358	Service industry machines.....	1.3	1.6	.7	2.3	.3	.8	.7	2.5	49.4	-
3585	Refrigerators and refrigeration machinery (except household), and complete air conditioning units.....	1.4	1.7	.8	2.4	.3	.3	.8	2.3	49.7	-
359	Miscellaneous machinery and parts (except electrical).....	.2	1.4	.2	1.3	2.5	-	.4	-	83.4	-
3599	Miscellaneous machinery and parts (except electrical).....	.2	1.4	.2	1.3	2.5	-	.4	-	83.4	-
35999	Machinery and parts, n.e.c. (except electrical).....	.2	1.4	.2	1.3	2.5	-	.4	-	83.4	-
36	Electrical machinery and equipment.....	1.6	2.6	5.1	4.9	.8	.5	2.6	1.8	50.9	-
369	Miscellaneous electrical machinery, equipment, and supplies.....	.1	-	-	.1	.5	-	34.5	19.0	18.9	-

¹Designations below the area numbers are used to help identify the area. Descriptions of production areas appear on page 4.

²Includes only those shipments that originated in one city in this area and terminated in another city in this area. Does not include shipments originating and terminating in the same city.

³Code letter indicates a sampling variability range as follows: a, 0-9 percent; b, 10-19 percent; c, 20-29 percent; and d, 30-50 percent. The variability for ton-miles has not been estimated.

PRODUCTION AREA 18

Consists of one Standard Metropolitan Statistical Area: St. Louis, Mo.-Ill.

SUMMARY

The estimates of tons and ton-miles are based on reports from a sample of shipments by approximately 226 manufacturing establishments located in this Production Area. The total tons and ton-miles represent the total inter-city shipments by essentially all manufacturing establishments in the area, except for plants with less than 20 employees. However, since the data are based on a sample, the estimates necessarily are subject to "sampling variability."

The approximate degree of sampling variability for tons for each commodity or commodity class is indicated in the last column of tables 1 to 4. In general, most of the commodity data in this report are subject to substantial sampling variability and should be treated as approximate rather than precise measures.

About 28.3 million tons of commodities were shipped by plants in this area to destinations beyond the local area. These shipments generated 8.5 billion ton-miles by all means of transport combined, and averaged about 302 straight-line miles per ton shipped.

Motor carriers are the dominant means of transport, hauling almost 35 percent of the total tons shipped. When measured in terms of ton-miles rather than tons, rail becomes dominant, accounting for almost one half of the total ton-miles.

As shown in tables A, B, and C, petroleum and coal products, as a result of their large volume and unusual traffic pattern, have a marked influence on the distribution of shipments. Consequently, two totals are shown: (1) All commodities combined, and (2) the total exclusive of petroleum and coal products. The influence of these products is most evident in connection with shipments by water, as measured by both tons and ton-miles (see table A).

Comparisons between 1967 and 1963 data are presented in tables A through D. The 1967 survey is comparable with 1963, except for the exclusion from the survey, in 1967, of plants with less than 20 employees. Nationally, those plants accounted for only 4 percent of the total tons originated in the 1963 survey.

Table A. PERCENT DISTRIBUTION OF SHIPMENTS
BY MEANS OF TRANSPORT

Means of transport	All commodities		All commodities except petroleum and coal products	
	1967	1963	1967	1963
Tons of shipments.....millions..	28.3	23.2	15.4	14.8
Ton-miles.....billions..	8.5	6.4	6.0	5.2
TONS OF SHIPMENTS				
Percent distribution				
All means of transport.....	100.0	100.0	100.0	100.0
Rail.....	28.4	32.5	46.5	45.8
Motor carrier.....	34.7	35.1	33.7	42.0
Private truck.....	11.2	8.8	17.1	10.9
Air.....	-	-	-	.1
Water.....	25.4	23.1	2.1	.4
Other.....	.3	.5	.6	.8
TON-MILES				
All means of transport.....	100.0	100.0	100.0	100.0
Rail.....	49.8	55.1	64.2	64.5
Motor carrier.....	22.3	25.0	26.8	28.2
Private truck.....	5.3	4.6	6.9	5.1
Air.....	.1	.1	.2	.1
Water.....	22.0	13.9	1.2	.6
Other.....	.5	1.3	.7	1.5

Note: Ton-miles are the product of weight times distance on a straight-line distance basis.

Table C. PERCENT DISTRIBUTION OF SHIPMENTS
BY DISTANCE OF SHIPMENT

Means of transport	All commodities		All commodities except petroleum and coal products	
	1967	1963	1967	1963
TONS OF SHIPMENTS				
All distances.....	100.0	100.0	100.0	100.0
Under 100 miles.....	26.9	28.2	17.7	24.9
100 to 199 miles.....	13.5	22.1	14.7	13.7
200 to 299 miles.....	27.3	20.8	19.8	19.2
300 to 499 miles.....	15.3	13.2	20.7	18.3
500 to 999 miles.....	13.7	12.5	21.6	19.1
1,000 to 1,499 miles.....	1.6	1.6	2.8	2.4
1,500 miles and over.....	1.7	1.6	2.7	2.4

Table B. AVERAGE LENGTH OF HAUL
BY MEANS OF TRANSPORT
(Straight-line miles)

Means of transport	All commodities		All commodities except petroleum and coal products	
	1967	1963	1967	1963
All means of transport.....	302	278	391	351
Rail.....	529	470	540	493
Motor carrier.....	194	198	311	235
Private truck.....	143	146	158	164

Note: Average length of haul is based on straight-line miles from plant to customer or redistribution point, weighted by tonnage shipped (i.e., ton-miles divided by tons). Rail short-line and highway direct-route distances average about 24 and 21 percent, respectively, longer than straight-line distances.

Table D. PERCENT DISTRIBUTION OF SHIPMENTS
BY AREA OF DESTINATION

Area of destination	1967	1963
Tons of shipments.....thousands..	28,250	23,229
Ton-miles.....millions..	8,520	6,446
TONS OF SHIPMENTS		
Percent distribution		
All areas.....	100.0	100.0
Production Area 18 ¹	18.2	17.8
Other production areas.....	19.6	18.5
All other areas.....	62.2	63.7
TON-MILES		
All areas.....	100.0	100.0
Production Area 18 ¹	1.1	1.1
Other production areas.....	37.0	36.9
All other areas.....	61.9	62.0

¹Includes only those shipments that originated in one city in this area and terminated in another city in this area.

TABLE 1. Percent Distribution of Commodities, by Means of Transport: 1967

TCC code	Commodity	Number	Percent distribution by means of transport								Sampling variability code ¹
			All means of transport	Rail	Motor carrier	Private truck	Air	Water	Other	Unknown	
	TONS OF SHIPMENTS	(thousands of tons)									
	Production Area 18, total.....	28,250	100.0	28.4	34.7	11.2	-	25.4	0.2	0.1	-
20	Food and kindred products.....	4,209	100.0	50.3	12.0	37.2	-	-	.4	.1	b
201	Meat, poultry, and small game; fresh chilled or frozen.....	386	100.0	45.0	26.9	26.8	-	-	-	1.3	b
262	Paper (except building paper).....	21	100.0	18.6	78.6	1.4	-	1.3	.1	-	d
2621	Paper (except building paper).....	21	100.0	18.6	78.6	1.4	-	1.3	.1	-	d
28	Chemicals and allied products.....	4,194	100.0	57.2	33.7	2.6	-	6.1	.3	.1	c
281	Industrial chemicals.....	2,313	100.0	64.0	23.3	1.4	-	11.0	.1	.2	b
283	Drugs (biological products, medicinal chemicals, botanical products, and pharmaceutical preparations).....	28	100.0	52.8	42.0	.1	0.1	-	5.0	-	b
2831	Drugs (biological products, medicinal chemicals, botanical products, and pharmaceutical preparations).....	28	100.0	52.8	42.0	.1	.1	-	5.0	-	b
28311	Drugs for human use.....	28	100.0	52.8	42.0	.1	.1	-	5.0	-	b
284	Soap and detergents, cleaning preparations, perfumes, cosmetics, and other toilet preparations.....	555	100.0	49.4	48.7	.4	-	-	1.5	-	b
2841	Soap and other detergents (except specialty cleansers).....	432	100.0	57.5	42.3	.2	-	-	-	-	b
29	Petroleum and coal products.....	12,823	100.0	6.6	35.9	4.1	-	53.4	-	-	c
291	Products of petroleum refining.....	12,387	100.0	4.8	35.8	4.0	-	55.4	-	-	c
2911	Products of petroleum refining (except liquefied petroleum gases and petroleum coke and breeze).....	12,247	100.0	4.6	36.1	3.3	-	56.0	-	-	c
32	Stone, clay, and glass products.....	1,612	100.0	16.2	71.4	11.5	-	-	-	.9	i
33	Primary metal products.....	1,810	100.0	52.2	35.9	7.9	.1	3.8	.1	-	a
331	Steel works and rolling mill products..	1,190	100.0	51.4	34.4	8.4	-	5.8	-	-	a
3312	Primary iron and steel products (except coke-oven products).....	1,089	100.0	51.2	34.0	8.5	-	6.3	-	-	b
332	Iron and steel castings.....	158	100.0	63.1	30.7	6.0	-	-	-	.2	b
3321	Iron and steel castings.....	158	100.0	63.1	30.7	6.0	-	-	-	.2	b
33219	Iron and steel castings, n.e.c.....	158	100.0	63.3	30.5	6.0	-	-	-	.2	b
335	Nonferrous metal basic shapes.....	232	100.0	36.1	51.6	10.8	.7	-	.8	-	b
34	Fabricated metal products.....	395	100.0	31.3	62.0	5.0	.1	.6	1.0	-	i
349	Miscellaneous fabricated metal products	29	100.0	9.3	73.4	5.5	.5	-	11.2	.1	i
35	Machinery, except electrical.....	234	100.0	9.9	71.7	16.4	.8	-	1.2	-	i
353	Construction, mining, and materials handling machinery and equipment.....	14	100.0	9.5	86.5	3.1	.5	-	.4	-	c
358	Service industry machines.....	57	100.0	36.6	56.2	6.0	.3	-	.9	-	c
3585	Refrigerators and refrigeration machinery (except household), and complete air-conditioning units.....	48	100.0	42.4	49.1	7.1	.3	-	1.1	-	c
36	Electrical machinery and equipment.....	454	100.0	27.3	69.9	2.1	.2	-	.5	-	i
362	Electrical industrial apparatus.....	155	100.0	4.1	89.5	5.9	-	-	.5	-	i
3621	Motors and generators.....	149	100.0	4.2	89.5	6.2	-	-	.1	-	i
36211	Motors.....	144	100.0	2.7	90.8	6.4	-	-	.1	-	i
37	Transportation equipment.....	1,388	100.0	75.6	23.0	1.2	.1	-	.1	-	i
371	Motor vehicles and motor vehicle equipment.....	1,096	100.0	74.3	24.5	1.1	-	-	.1	-	i
3714	Motor vehicle parts and accessories....	111	100.0	58.5	32.2	8.4	.3	-	.6	-	i

See footnote at end of table.

TABLE 1. Percent Distribution of Commodities, by Means of Transport: 1967--Continued

TCC code	Commodity	Number	Percent distribution by means of transport								Sampling variability code ¹
			All means of transport	Rail	Motor carrier	Private truck	Air	Water	Other	Unknown	
	TON-MILES OF SHIPMENTS	(millions of ton-miles)									
	Production Area 18, total.....	8,520	100.0	49.8	22.3	5.3	0.1	22.0	0.3	0.2	-
20	Food and kindred products.....	1,683	100.0	72.2	12.1	15.2	-	-	.3	.2	-
201	Meat, poultry, and small game; fresh chilled or frozen.....	162	100.0	64.2	18.8	14.9	-	-	-	2.1	-
262	Paper (except building paper).....	10	100.0	7.7	80.0	.4	.1	11.7	.1	-	-
2621	Paper (except building paper).....	10	100.0	7.7	80.0	.4	.1	11.7	.1	-	-
28	Chemicals and allied products.....	1,810	100.0	70.6	25.6	1.2	-	2.1	.5	-	-
281	Industrial chemicals.....	1,094	100.0	79.4	16.0	.9	-	3.6	.1	-	-
283	Drugs (biological products, medicinal chemicals, botanical products, and pharmaceutical preparations).....	21	100.0	71.3	24.9	-	.1	-	3.7	-	-
2831	Drugs (biological products, medicinal chemicals, botanical products, and pharmaceutical preparations).....	21	100.0	71.3	24.9	-	.1	-	3.7	-	-
28311	Drugs for human use.....	21	100.0	71.3	24.9	-	.1	-	3.7	-	-
284	Soap and detergents, cleaning preparations, perfumes, cosmetics, and other toilet preparations).....	279	100.0	59.7	37.5	.6	-	-	2.2	-	-
2841	Soap and other detergents (except specialty cleansers).....	184	100.0	68.9	30.8	.3	-	-	-	-	-
29	Petroleum and coal products.....	2,485	100.0	14.8	11.3	1.4	-	72.5	-	-	-
291	Products of petroleum refining.....	2,387	100.0	13.3	9.9	1.4	-	75.4	-	-	-
2911	Products of petroleum refining (except liquefied petroleum gases and petroleum coke and breeze).....	2,359	100.0	12.6	10.0	1.1	-	76.3	-	-	-
32	Stone, clay, and glass products.....	375	100.0	32.5	61.6	2.6	-	-	.1	3.2	-
33	Primary metal products.....	640	100.0	62.3	27.4	5.8	.1	4.3	.1	-	-
331	Steel works and rolling mill products..	346	100.0	58.8	26.5	6.8	-	7.9	-	-	-
3312	Primary iron and steel products (except coke-oven products).....	317	100.0	59.3	25.3	6.8	-	8.6	-	-	-
332	Iron and steel castings.....	71	100.0	74.7	22.9	2.2	-	-	-	.2	-
3321	Iron and steel castings.....	71	100.0	74.7	22.9	2.2	-	-	-	.2	-
33219	Iron and steel castings, n.e.c.....	71	100.0	74.8	22.8	2.2	-	-	-	.2	-
335	Nonferrous metal basic shapes.....	135	100.0	54.9	37.0	7.6	.2	-	.3	-	-
34	Fabricated metal products.....	124	100.0	36.3	58.2	2.5	.2	1.2	1.6	-	-
349	Miscellaneous fabricated metal products	14	100.0	4.4	83.7	.2	.9	-	10.6	.2	-
35	Machinery, except electrical.....	149	100.0	12.2	72.6	12.6	1.0	-	1.6	-	-
353	Construction, mining, and materials handling machinery and equipment.....	8	100.0	17.5	81.5	.1	.5	-	.4	-	-
358	Service industry machines.....	38	100.0	43.3	47.8	6.7	.4	-	1.8	-	-
3585	Refrigerators and refrigeration machinery (except household), and complete air-conditioning units.....	34	100.0	47.5	42.7	7.4	.4	-	2.0	-	-
36	Electrical machinery and equipment.....	240	100.0	37.8	59.8	1.1	.4	.1	.8	-	-
362	Electrical industrial apparatus.....	60	100.0	3.9	90.4	4.4	-	-	1.3	-	-
3621	Motors and generators.....	57	100.0	4.0	91.2	4.6	-	-	.2	-	-
36211	Motors.....	56	100.0	2.8	92.3	4.7	-	-	.2	-	-
37	Transportation equipment.....	718	100.0	87.4	11.9	.5	.1	-	.1	-	-
371	Motor vehicles and motor vehicle equipment.....	629	100.0	89.0	10.4	.5	-	-	.1	-	-
3714	Motor vehicle parts and accessories....	63	100.0	68.2	26.0	4.5	.2	-	1.1	-	-

¹Code letter indicates a sampling variability range as follows: a, 0-9 percent; b, 10-19 percent; c, 20-29 percent; and d, 30-50 percent. The variability for ton-miles has not been estimated.

TABLE 2. Percent Distribution of Commodities, by Distance of Shipment: 1967

TCC code	Commodity	Number	Percent distribution by distance of shipment								Sampling variability code ¹
			All distances	Under 100 miles	100 to 199 miles	200 to 299 miles	300 to 499 miles	500 to 999 miles	1,000 to 1,499 miles	1,500 miles or over	
	TONS OF SHIPMENTS	(thousands of tons)									
	Production Area 18, total.....	28,250	100.0	26.9	13.5	27.3	15.3	13.7	1.6	1.7	-
20	Food and kindred products.....	4,209	100.0	17.8	12.0	21.8	17.6	24.6	5.2	1.0	b
201	Meat, poultry, and small game; fresh, chilled or frozen.....	386	100.0	22.8	5.0	23.0	9.1	36.8	1.9	1.4	b
262	Paper (except building paper).....	21	100.0	33.8	.3	9.2	21.5	26.9	.9	7.4	d
2621	Paper (except building paper).....	21	100.0	33.8	.3	9.2	21.5	26.9	.9	7.4	d
28	Chemicals and allied products.....	4,194	100.0	8.2	16.6	23.6	23.8	21.4	1.6	4.8	c
281	Industrial chemicals.....	2,313	100.0	6.6	17.3	21.1	23.3	23.5	1.6	6.6	b
283	Drugs (biological products, medicinal chemicals, botanical products, and pharmaceutical preparations).....	28	100.0	.7	1.0	21.7	21.2	28.8	10.2	16.4	b
2831	Drugs (biological products, medicinal chemicals, botanical products, and pharmaceutical preparations).....	28	100.0	.7	1.0	21.7	21.2	28.8	10.2	16.4	b
28311	Drugs for human use.....	28	100.0	.7	1.0	21.7	21.2	28.8	10.2	16.4	b
284	Soap and detergents, cleaning preparations, perfumes, cosmetics, and other toilet preparations.....	555	100.0	4.1	8.1	24.5	26.5	26.9	2.2	7.7	b
2841	Soap and other detergents (except specialty cleansers).....	432	100.0	4.8	9.5	26.3	28.0	27.6	.6	3.2	b
29	Petroleum and coal products.....	12,823	100.0	38.0	12.1	36.3	8.8	4.2	.1	.5	c
291	Products of petroleum refining.....	12,387	100.0	38.9	11.0	36.5	8.8	4.2	.1	.5	c
2911	Products of petroleum refining (except liquefied petroleum gases and petroleum coke and breeze).....	12,247	100.0	38.6	10.9	36.9	8.8	4.2	.1	.5	c
32	Stone, clay, and glass products.....	1,612	100.0	44.6	8.0	13.6	20.9	12.1	.4	.4	d
33	Primary metal products.....	1,810	100.0	18.7	13.5	22.3	22.0	20.6	1.2	1.7	a
331	Steel works and rolling mill products..	1,190	100.0	23.7	16.5	23.4	20.4	14.2	1.0	.8	a
3312	Primary iron and steel products (except coke-oven products).....	1,089	100.0	23.4	17.9	23.3	19.2	14.5	.8	.9	b
332	Iron and steel castings.....	158	100.0	9.1	2.9	29.1	21.1	34.4	.1	3.3	b
3321	Iron and steel castings.....	158	100.0	9.1	2.9	29.1	21.1	34.4	.1	3.3	b
33219	Iron and steel castings, n.e.c.....	158	100.0	9.1	2.9	29.1	21.1	34.3	.1	3.4	b
335	Nonferrous metal basic shapes.....	232	100.0	4.5	6.3	12.1	31.2	38.7	.6	6.6	b
34	Fabricated metal products.....	395	100.0	11.9	28.3	23.5	15.9	19.2	.3	.9	d
349	Miscellaneous fabricated metal products	29	100.0	6.1	7.2	41.3	13.0	24.5	.3	7.6	d
35	Machinery, except electrical.....	234	100.0	1.8	3.0	10.1	22.2	48.8	11.6	2.5	d
353	Construction, mining, and materials handling machinery and equipment.....	14	100.0	3.2	1.3	17.8	19.3	53.4	.8	4.2	c
358	Service industry machines.....	57	100.0	1.6	5.7	13.1	17.9	49.7	7.4	4.6	d
3585	Refrigerators and refrigeration machinery (except household), and complete air-conditioning units.....	48	100.0	.8	6.4	12.2	10.9	56.7	7.7	5.2	d
36	Electrical machinery and equipment.....	454	100.0	4.3	3.8	24.7	28.1	28.9	8.3	1.9	d
362	Electrical industrial apparatus.....	155	100.0	4.0	5.0	38.1	38.4	13.0	.9	.6	d
3621	Motors and generators.....	149	100.0	4.1	4.3	38.7	38.5	13.0	.9	.5	d
36211	Motors.....	144	100.0	4.2	4.1	37.1	39.8	13.4	.9	.5	d
37	Transportation equipment.....	1,388	100.0	6.1	13.0	14.5	30.1	26.2	3.6	6.5	c
371	Motor vehicles and motor vehicle equipment.....	1,096	100.0	5.1	5.2	13.5	35.5	28.6	4.6	7.5	c
3714	Motor vehicle parts and accessories....	111	100.0	.1	2.8	18.4	52.4	14.1	.1	12.1	b

See footnote at end of table.

TABLE 2. Percent Distribution of Commodities, by Distance of Shipment: 1967--Continued

TCC code	Commodity	Number	Percent distribution by distance of shipment								Sampling variability code ¹
			All distances	Under 100 miles	100 to 199 miles	200 to 299 miles	300 to 499 miles	500 to 999 miles	1,000 to 1,499 miles	1,500 miles or over	
	TON-MILES OF SHIPMENTS	(millions of ton-miles)									
	Production Area 18, total.....	8,520	100.0	2.9	6.6	22.4	20.6	32.0	6.0	9.5	-
20	Food and kindred products.....	1,683	100.0	2.5	4.3	13.6	17.5	44.1	13.7	4.3	-
201	Meat, poultry, and small game; fresh, chilled or frozen.....	162	100.0	1.5	1.8	14.0	8.7	63.6	4.8	5.6	-
262	Paper (except building paper).....	10	100.0	1.2	.1	5.0	15.8	43.4	2.0	32.5	-
2621	Paper (except building paper).....	10	100.0	1.2	.1	5.0	15.8	43.4	2.0	32.5	-
28	Chemicals and allied products.....	1,810	100.0	1.0	5.7	13.8	21.6	35.4	4.1	18.4	-
281	Industrial chemicals.....	1,094	100.0	.7	5.5	11.1	19.7	36.3	3.7	23.0	-
283	Drugs (biological products, medicinal chemicals, botanical products, and pharmaceutical preparations).....	21	100.0	-	.2	7.6	12.3	28.5	14.4	37.0	-
2831	Drugs (biological products, medicinal chemicals, botanical products, and pharmaceutical preparations).....	21	100.0	-	.2	7.6	12.3	28.5	14.4	37.0	-
28311	Drugs for human use.....	21	100.0	-	.2	7.6	12.3	28.5	14.4	37.0	-
284	Soap and detergents, cleaning preparations, perfumes, cosmetics, and other toilet preparations.....	279	100.0	.6	2.1	12.1	20.2	35.5	4.8	24.7	-
2841	Soap and other detergents (except specialty cleansers).....	184	100.0	.9	2.9	15.4	24.5	42.0	1.8	12.5	-
29	Petroleum and coal products.....	2,485	100.0	5.2	9.3	46.1	18.9	15.2	.7	4.6	-
291	Products of petroleum refining.....	2,387	100.0	5.3	8.6	46.6	18.9	15.4	.7	4.5	-
2911	Products of petroleum refining (except liquefied petroleum gases and petroleum coke and breeze).....	2,359	100.0	5.2	8.5	47.3	18.9	15.2	.4	4.5	-
32	Stone, clay, and glass products.....	375	100.0	5.5	4.7	14.7	35.0	35.6	1.6	2.9	-
33	Primary metal products.....	640	100.0	1.7	5.7	15.8	25.0	40.3	3.5	8.0	-
331	Steel works and rolling mill products...	346	100.0	2.4	8.5	19.9	28.4	32.4	3.6	4.8	-
3312	Primary iron and steel products (except coke-oven products).....	317	100.0	2.5	9.3	19.8	26.9	33.3	2.9	5.3	-
332	Iron and steel castings.....	71	100.0	.9	1.0	16.5	18.4	50.4	.2	12.6	-
3321	Iron and steel castings.....	71	100.0	.9	1.0	16.5	18.4	50.4	.2	12.6	-
33219	Iron and steel castings, n.e.c.....	71	100.0	.9	1.0	16.5	18.4	50.4	.2	12.6	-
335	Nonferrous metal basic shapes.....	135	100.0	.2	1.7	5.1	22.5	50.4	1.1	19.0	-
34	Fabricated metal products.....	124	100.0	1.2	13.7	18.3	21.3	39.6	1.0	4.9	-
349	Miscellaneous fabricated metal products.	14	100.0	.3	2.5	21.6	10.8	38.6	.6	25.6	-
35	Machinery, except electrical.....	149	100.0	.2	.7	4.1	14.8	52.3	21.6	6.3	-
353	Construction, mining, and materials handling machinery and equipment.....	8	100.0	.1	.3	7.2	13.5	66.2	1.6	11.1	-
358	Service industry machines.....	38	100.0	.2	1.3	5.0	11.0	58.7	12.9	10.9	-
3585	Refrigerators and refrigeration machinery (except household), and complete air-conditioning units.....	34	100.0	.1	1.4	4.4	6.6	63.2	12.7	11.6	-
36	Electrical machinery and equipment.....	240	100.0	.5	1.0	12.2	21.6	41.3	17.6	5.8	-
362	Electrical industrial apparatus.....	60	100.0	.7	1.9	25.8	40.3	26.0	2.8	2.5	-
3621	Motors and generators.....	57	100.0	.7	1.5	26.3	40.7	26.1	2.7	2.0	-
36211	Motors.....	56	100.0	.8	1.4	24.7	41.6	26.7	2.8	2.0	-
37	Transportation equipment.....	718	100.0	.7	3.6	7.1	24.6	35.0	8.3	20.7	-
371	Motor vehicles and motor vehicle equipment.....	629	100.0	.5	1.4	6.0	26.4	34.7	9.5	21.5	-
3714	Motor vehicle parts and accessories.....	63	100.0	-	.7	8.8	40.6	15.4	.1	34.4	-

¹Code letter indicates a sampling variability range as follows: a, 0-9 percent; b, 10-19 percent; c, 20-29 percent; and d, 30-50 percent. The variability for ton-miles has not been estimated.

TABLE 3. Percent Distribution of Commodities, by Geographic Division of Destination: 1967

TCC code	Commodity	Number	Percent distribution by geographic division ¹ of destination										Sampling variability code ³
			All means of transport	New England	Middle Atlantic	East North Central	West North Central	South Atlantic	East South Central	West South Central	Mountain	Pacific ²	
	TONS OF SHIPMENTS	(thous. of tons)											
	Production Area 18, total.....	28,250	100.0	1.2	3.7	39.7	20.5	4.0	19.6	7.8	1.8	1.7	-
20	Food and kindred products.....	4,209	100.0	4.3	7.1	40.1	16.1	11.5	7.8	9.1	3.0	1.0	b
28	Chemicals and allied products.....	4,194	100.0	1.6	6.2	30.1	20.8	5.9	16.0	12.0	2.5	4.9	c
29	Petroleum and coal products.....	12,823	100.0	.1	.4	45.4	17.9	.8	31.3	3.4	.2	.5	c
32	Stone, clay, and glass products.....	1,612	100.0	.2	5.6	37.3	40.9	2.5	5.2	7.0	.9	.4	d
33	Primary metal products.....	1,810	100.0	1.8	5.2	43.3	25.0	1.5	5.2	12.2	4.1	1.7	a
34	Fabricated metal products.....	395	100.0	.1	7.9	41.1	15.8	5.5	19.4	8.5	.8	.9	d
35	Machinery, except electrical.....	234	100.0	.9	12.7	22.7	18.2	15.9	4.4	11.6	11.1	2.5	d
36	Electrical machinery and equipment.....	454	100.0	.5	5.4	37.0	8.3	11.1	4.2	25.7	5.8	2.0	d
37	Transportation equipment.....	1,388	100.0	1.4	7.6	24.9	11.3	5.8	15.7	21.5	5.7	6.1	c
	TON-MILES OF SHIPMENTS	(millions of ton-miles)											
	Production Area 18, total.....	8,520	100.0	3.9	9.4	20.0	12.8	8.4	16.5	14.1	5.5	9.4	-
20	Food and kindred products.....	1,683	100.0	10.8	13.9	19.6	7.9	19.5	6.0	11.4	6.7	4.2	-
28	Chemicals and allied products.....	1,810	100.0	3.7	11.9	18.1	11.4	7.8	9.0	14.2	5.5	18.4	-
29	Petroleum and coal products.....	2,485	100.0	.4	1.7	20.7	17.2	2.1	40.3	12.0	1.0	4.6	-
32	Stone, clay, and glass products.....	375	100.0	.6	16.4	32.8	15.7	7.7	6.1	14.4	3.4	2.9	-
33	Primary metal products.....	640	100.0	4.8	11.2	21.7	19.2	2.4	5.3	17.8	9.6	8.0	-
34	Fabricated metal products.....	124	100.0	.3	16.8	26.8	12.9	10.5	11.6	13.8	2.4	4.9	-
35	Machinery, except electrical.....	149	100.0	1.4	16.0	12.3	12.2	17.9	2.5	10.6	20.8	6.3	-
36	Electrical machinery and equipment.....	240	100.0	.9	8.4	20.2	5.6	15.7	2.1	29.4	11.7	6.0	-
37	Transportation equipment.....	718	100.0	2.8	11.1	13.5	6.3	7.3	7.3	20.5	11.5	19.7	-

¹States included in the geographic divisions are as follows: NEW ENGLAND--Maine, New Hampshire, Vermont, Massachusetts, Rhode Island, and Connecticut; MIDDLE ATLANTIC--New York, New Jersey, and Pennsylvania; EAST NORTH CENTRAL--Ohio, Indiana, Illinois, Michigan, and Wisconsin; WEST NORTH CENTRAL--Minnesota, Iowa, Missouri, North Dakota, South Dakota, Nebraska, and Kansas; SOUTH ATLANTIC--Delaware, Maryland, District of Columbia, Virginia, West Virginia, North Carolina, South Carolina, Georgia, and Florida; EAST SOUTH CENTRAL--Kentucky, Tennessee, Alabama, and Mississippi; WEST SOUTH CENTRAL--Arkansas, Louisiana, Oklahoma, and Texas; MOUNTAIN--Montana, Idaho, Wyoming, Colorado, New Mexico, Arizona, Utah, and Nevada; PACIFIC--Washington, Oregon, California, Alaska, and Hawaii.

²Shipments to Alaska and Hawaii from the 48 conterminous States and the District of Columbia are included; no data were obtained for shipments originating in Alaska and Hawaii.

³Code letter indicates a sampling variability range as follows: a, 0-9 percent; b, 10-19 percent; c, 20-29 percent; and d, 30-50 percent. The variability for ton-miles has not been estimated.

TABLE 4. Percent Distribution of Commodities, by Production Area of Destination: 1967

TCC code	Commodity	Number	Percent distribution by production area ¹ of destination							
			Total	1 (BOST)	2 (HART)	3 (NYNY)	4 (N. NJ)	5 (PHIL)	6 (BALT)	7 (ALLN)
	TONS OF SHIPMENTS	(thousands of tons)								
	Production Area 18, total.....	28,250	100.0	0.4	0.3	0.4	1.0	0.6	0.2	0.1
20	Food and kindred products.....	4,209	100.0	1.4	.2	.4	2.6	.6	.5	.1
201	Meat, poultry, and small game; fresh, chilled or frozen.....	386	100.0	1.3	.3	-	2.4	-	.7	-
262	Paper (except building paper).....	21	100.0	.5	.2	5.0	8.4	-	-	-
2621	Paper (except building paper).....	21	100.0	.5	.2	5.0	8.4	-	-	-
28	Chemicals and allied products.....	4,194	100.0	.6	.8	.8	3.2	.9	.8	.2
281	Industrial chemicals.....	2,313	100.0	.9	1.2	.9	5.6	1.5	.9	.4
283	Drugs (biological products, medicinal chemicals, botanical products, and pharmaceutical preparations).....	28	100.0	9.9	.1	.5	6.9	.2	7.4	-
2831	Drugs (biological products, medicinal chemicals, botanical products, and pharmaceutical preparations).....	28	100.0	9.9	.1	.5	6.9	.2	7.4	-
28311	Drugs for human use.....	28	100.0	9.9	.1	.5	6.9	.2	7.4	-
284	Soap and detergents, cleaning preparations, perfumes, cosmetics, and other toilet preparations.....	555	100.0	.4	-	1.8	-	.7	1.8	-
2841	Soap and other detergents (except specialty cleansers).....	432	100.0	-	-	2.2	-	.9	2.3	-
29	Petroleum and coal products.....	12,823	100.0	-	-	.1	.1	-	-	-
291	Products of petroleum refining.....	12,387	100.0	-	-	.1	.1	-	-	-
2911	Products of petroleum refining (except liquefied petroleum gases and petroleum coke and breeze).....	12,247	100.0	-	-	.1	.1	-	-	-
32	Stone, clay, and glass products.....	1,612	100.0	-	.1	.3	-	1.1	-	-
33	Primary metal products.....	1,810	100.0	.5	1.0	.5	1.0	1.1	.1	.1
331	Steel works and rolling mill products...	1,190	100.0	-	-	.2	.2	-	-	-
3312	Primary iron and steel products (except coke-oven products).....	1,089	100.0	-	-	-	.3	-	-	-
332	Iron and steel castings.....	158	100.0	-	-	.1	1.8	3.4	-	-
3321	Iron and steel castings.....	158	100.0	-	-	.1	1.8	3.4	-	-
33219	Iron and steel castings, n.e.c.....	158	100.0	-	-	.1	1.8	3.4	-	-
335	Nonferrous metal basic shapes.....	232	100.0	.5	7.5	.2	.7	3.8	1.0	-
34	Fabricated metal products.....	395	100.0	-	-	.6	.5	.8	.1	-
349	Miscellaneous fabricated metal products.	29	100.0	.1	.1	2.4	4.2	3.0	.5	-
35	Machinery, except electrical.....	234	100.0	.1	.1	2.1	.5	15.1	-	.3
353	Construction, mining, and materials handling machinery and equipment.....	14	100.0	-	.7	8.6	6.9	5.3	-	-
358	Service industry machines.....	57	100.0	.5	-	5.1	-	26.9	-	-
2585	Refrigerators and refrigeration machinery (except household), and complete air-conditioning units.....	48	100.0	.6	-	6.1	-	31.9	-	-
36	Electrical machinery and equipment.....	454	100.0	.3	.1	3.1	.3	.3	.4	-
362	Electrical industrial apparatus.....	155	100.0	.1	.1	5.1	.5	.1	1.1	-
3621	Motors and generators.....	149	100.0	.1	.1	5.3	.5	-	1.2	-
36211	Motors.....	144	100.0	.1	.1	5.5	.5	-	1.2	-
37	Transportation equipment.....	1,388	100.0	.2	.5	.8	.9	.7	.4	.1
371	Motor vehicles and motor vehicle equipment.....	1,096	100.0	.3	.6	.5	.9	.6	.5	.1
3714	Motor vehicle parts and accessories.....	111	100.0	-	-	.1	.9	-	1.0	-

See footnotes at end of table.

TABLE 4. Percent Distribution of Commodities, by Production Area of Destination: 1967--Continued

TCC code	Commodity	Percent distribution by production area ¹ of destination--Continued									
		8 (HARR)	9 (SYRA)	10 (BUFF)	11 (CLEV)	12 (PITT)	13 (DETR)	14 (CINC)	15 (CHIC)	16 (MILW)	17 (M-SP)
	TONS OF SHIPMENTS										
	Production Area 18, total.....	0.1	0.3	0.2	0.6	0.3	1.1	1.2	4.8	0.6	2.1
20	Food and kindred products.....	.3	1.4	.7	.5	.3	1.4	1.8	7.3	1.3	.9
201	Meat, poultry, and small game; fresh, chilled or frozen.....	-	13.7	3.2	.7	.5	-	4.1	9.3	.4	-
262	Paper (except building paper).....	-	-	6.1	3.4	.6	.3	11.7	4.9	4.3	-
2621	Paper (except building paper).....	-	-	6.1	3.4	.6	.3	11.7	4.9	4.3	-
28	Chemicals and allied products.....	-	.1	.2	1.3	.3	1.2	4.0	5.7	.5	.6
281	Industrial chemicals.....	-	.1	.4	1.6	.5	1.1	4.3	6.5	.6	.6
283	Drugs (biological products, medicinal chemicals, botanical products, and pharmaceutical preparations).....	-	.2	.1	.2	-	.7	.9	18.5	-	.2
2831	Drugs (biological products, medicinal chemicals, botanical products, and pharmaceutical preparations).....	-	.2	.1	.2	-	.7	.9	18.5	-	.2
28311	Drugs for human use.....	-	.2	.1	.2	-	.7	.9	18.5	-	.2
284	Soap and detergents, cleaning prepara- tions, perfumes, cosmetics, and other toilet preparations.....	-	-	-	1.2	-	3.4	10.9	10.3	-	1.0
2841	Soap and other detergents (except spe- cialty cleansers).....	-	-	-	1.5	-	2.6	13.5	10.8	-	.7
29	Petroleum and coal products.....	-	-	-	.1	-	.1	.2	3.6	-	3.3
291	Products of petroleum refining.....	-	-	-	.1	-	.1	.2	3.6	-	3.3
2911	Products of petroleum refining (except liquefied petroleum gases and petro- leum coke and breeze).....	-	-	-	.1	-	.1	.1	3.7	-	3.4
32	Stone, clay, and glass products.....	-	-	.1	.9	2.1	2.9	1.4	3.3	3.8	1.6
33	Primary metal products.....	-	.2	.4	.8	.2	1.2	.5	7.1	.6	3.2
331	Steel works and rolling mill products...	-	-	-	-	-	1.4	.4	6.2	.2	2.9
3312	Primary iron and steel products (except coke-oven products).....	-	-	-	-	-	.8	-	6.6	.2	3.1
332	Iron and steel castings.....	-	.4	2.0	.8	1.6	1.7	.4	14.5	2.0	.7
3321	Iron and steel castings.....	-	.4	2.0	.8	1.6	1.7	.4	14.5	2.0	.7
33219	Iron and steel castings, n.e.c.....	-	.4	2.1	.8	1.6	1.7	.3	14.6	2.0	.7
335	Nonferrous metal basic shapes.....	-	1.0	1.4	5.0	-	.6	2.0	4.0	2.4	9.6
34	Fabricated metal products.....	-	.1	.1	2.2	4.6	1.9	.6	7.1	.3	2.4
349	Miscellaneous fabricated metal products.	.1	.1	.3	2.4	-	.7	1.2	17.0	.2	2.2
35	Machinery, except electrical.....	.1	.1	1.4	.7	.3	2.5	.3	3.0	.7	.2
353	Construction, mining, and materials handling machinery and equipment.....	.6	.9	12.0	.7	.1	2.5	1.1	.2	1.3	.7
358	Service industry machines.....	-	-	.9	1.3	.4	1.5	.8	.8	.3	.8
3585	Refrigerators and refrigeration machin- ery (except household), and complete air-conditioning units.....	-	-	1.1	1.5	.5	1.7	.3	.2	.1	-
36	Electrical machinery and equipment.....	.1	.6	.1	1.7	.2	1.1	.1	15.5	.3	1.7
362	Electrical industrial apparatus.....	.1	1.2	.1	2.7	.1	.7	.2	24.8	.3	1.5
3621	Motors and generators.....	.1	1.2	.1	2.8	.1	.7	.2	25.4	.3	1.6
36211	Motors.....	.1	1.2	.1	2.9	.1	.7	.2	25.2	.3	1.6
37	Transportation equipment.....	.5	1.0	.4	.3	.4	6.6	1.1	4.6	.3	.1
371	Motor vehicles and motor vehicle equipment.....	.6	1.3	.2	.4	.5	8.3	1.3	3.4	.4	.1
3714	Motor vehicle parts and accessories.....	-	.1	-	.4	-	46.2	4.9	1.1	.2	-

See footnotes at end of table.

TABLE 4. Percent Distribution of Commodities, by Production Area of Destination: 1967--Continued

TCC code	Commodity	Percent distribution by production area ¹ of destination--Continued									Sampling variability code ³
		18 ² (STLO)	19 (ATLA)	20 (DALL)	21 (HOUS)	22 (DENV)	23 (SETL)	24 (SANF)	25 (LOSA)	All other	
	TONS OF SHIPMENTS										
	Production Area 18, total.....	18.2	0.4	0.9	2.2	0.6	0.1	0.4	0.7	62.2	-
20	Food and kindred products.....	4.1	.6	.8	.8	1.3	-	.2	.7	69.8	b
201	Meat, poultry, and small game; fresh, chilled or frozen.....	16.1	-	.3	3.1	.1	-	1.4	-	42.4	b
262	Paper (except building paper).....	31.1	-	.2	.8	.1	.1	.4	3.6	18.3	d
2621	Paper (except building paper).....	31.1	-	.2	.8	.1	.1	.4	3.6	18.3	d
28	Chemicals and allied products.....	4.3	1.1	1.8	1.6	.8	.1	1.3	2.4	65.4	c
281	Industrial chemicals.....	4.3	.9	.4	2.2	.2	.2	2.3	3.2	59.2	b
283	Drugs (biological products, medicinal chemicals, botanical products, and pharmaceutical preparations).....	.5	9.4	6.5	.4	.1	.3	6.5	6.8	23.7	b
2831	Drugs (biological products, medicinal chemicals, botanical products, and pharmaceutical preparations).....	.5	9.4	6.5	.4	.1	.3	6.5	6.8	23.7	b
28311	Drugs for human use.....	.5	9.4	6.5	.4	.1	.3	6.5	6.8	23.7	b
284	Soap and detergents, cleaning preparations, perfumes, cosmetics, and other toilet preparations.....	.4	4.3	7.5	1.6	.5	-	-	4.4	49.8	b
2841	Soap and other detergents (except specialty cleansers).....	.2	5.5	8.8	2.0	.6	-	-	-	48.4	b
29	Petroleum and coal products.....	29.7	.1	.1	3.2	-	-	.1	.1	59.2	c
291	Products of petroleum refining.....	30.5	-	-	3.3	-	-	.1	.1	58.5	c
2911	Products of petroleum refining (except liquefied petroleum gases and petroleum coke and breeze).....	30.6	-	-	3.3	-	-	.1	.1	58.3	c
32	Stone, clay, and glass products.....	32.9	.4	-	.5	.2	-	-	.4	48.0	d
33	Primary metal products.....	15.0	.2	2.0	1.9	1.7	.2	.5	.3	59.7	a
331	Steel works and rolling mill products...	20.1	-	2.8	2.3	.5	-	-	-	62.8	a
3312	Primary iron and steel products (except coke-oven products).....	19.3	-	2.2	2.5	.6	-	-	-	64.4	b
332	Iron and steel castings.....	4.6	-	-	.3	.5	1.5	.1	.6	63.0	b
3321	Iron and steel castings.....	4.6	-	-	.3	.5	1.5	.1	.6	63.0	b
33219	Iron and steel castings, n.e.c.....	4.6	-	-	.3	.5	1.5	.1	.6	62.9	b
335	Nonferrous metal basic shapes.....	3.7	.2	.6	.5	9.6	.2	4.0	2.1	39.4	b
34	Fabricated metal products.....	8.1	.4	.3	1.3	.6	.1	.5	.2	67.2	d
349	Miscellaneous fabricated metal products.	5.6	-	.4	-	.1	-	4.1	2.3	53.0	d
35	Machinery, except electrical.....	.8	.5	.3	.5	-	-	.2	1.9	68.3	d
353	Construction, mining, and materials handling machinery and equipment.....	3.1	.6	1.3	7.5	-	-	-	3.8	42.1	c
358	Service industry machines.....	.3	1.5	.1	.2	.1	.1	.3	3.7	54.4	d
3585	Refrigerators and refrigeration machinery (except household), and complete air-conditioning units.....	.4	-	-	-	-	.1	.2	4.4	50.9	d
36	Electrical machinery and equipment.....	.9	1.8	1.5	1.7	.1	.2	.3	1.1	66.5	d
362	Electrical industrial apparatus.....	.6	2.0	.4	1.9	-	-	-	.4	56.0	d
3621	Motors and generators.....	.7	2.0	.4	2.0	-	-	-	.4	54.8	d
36211	Motors.....	.7	2.0	.4	2.1	-	-	-	.4	54.6	d
37	Transportation equipment.....	1.0	1.3	5.5	1.4	1.8	.9	1.1	2.0	66.1	c
371	Motor vehicles and motor vehicle equipment.....	1.1	1.6	6.9	1.7	2.3	.8	1.4	2.5	61.7	c
3714	Motor vehicle parts and accessories.....	-	.1	10.3	.3	.1	-	.2	10.7	23.4	b

See footnotes at end of table.

TABLE 4. Percent Distribution of Commodities, by Production Area of Destination: 1967 --Continued

TCC code	Commodity	Number	Percent distribution by production area ¹ of destination							
			Total	1 (BOST)	2 (HART)	3 (NYNY)	4 (N. NJ)	5 (PHIL)	6 (BALT)	7 (ALLN)
	TON-MILES OF SHIPMENTS	(millions of ton-miles)								
	Production Area 18, total.....	8,520	100.0	1.3	0.8	1.3	2.9	1.5	0.6	0.2
20	Food and kindred products.....	1,683	100.0	3.7	.4	.9	5.5	1.1	.8	.3
201	Meat, poultry, and small game; fresh, chilled or frozen.....	162	100.0	3.3	.6	-	4.9	-	1.2	-
262	Paper (except building paper).....	10	100.0	1.1	.3	9.2	15.2	-	-	-
2621	Paper (except building paper).....	10	100.0	1.1	.3	9.2	15.2	-	-	-
28	Chemicals and allied products.....	1,810	100.0	1.4	1.7	1.5	6.3	1.7	1.3	.4
281	Industrial chemicals.....	1,094	100.0	1.9	2.5	1.7	10.1	2.5	1.4	.6
283	Drugs (biological products, medicinal chemicals, botanical products, and pharmaceutical preparations).....	21	100.0	13.8	.1	.6	8.0	.3	7.3	-
2831	Drugs (biological products, medicinal chemicals, botanical products, and pharmaceutical preparations).....	21	100.0	13.8	.1	.6	8.0	.3	7.3	-
28311	Drugs for human use.....	21	100.0	13.8	.1	.6	8.0	.3	7.3	-
284	Soap and detergents, cleaning preparations, perfumes, cosmetics, and other toilet preparations.....	279	100.0	.8	-	3.0	-	1.2	2.6	-
2841	Soap and other detergents (except specialty cleansers).....	184	100.0	-	-	4.5	-	1.7	4.0	-
29	Petroleum and coal products.....	2,485	100.0	-	.1	.4	.3	-	-	-
291	Products of petroleum refining.....	2,387	100.0	-	.1	.3	.3	-	-	-
2911	Products of petroleum refining (except liquefied petroleum gases and petroleum coke and breeze).....	2,359	100.0	-	.1	.3	.3	-	-	-
32	Stone, clay, and glass products.....	375	100.0	-	.6	1.3	-	3.7	-	-
33	Primary metal products.....	640	100.0	1.3	2.5	1.2	2.4	2.6	.3	.2
331	Steel works and rolling mill products...	346	100.0	-	-	.7	.7	-	-	-
3312	Primary iron and steel products (except coke-oven products).....	317	100.0	-	-	.1	.8	-	-	-
332	Iron and steel castings.....	71	100.0	.1	-	.2	3.4	6.0	-	.1
3321	Iron and steel castings.....	71	100.0	.1	-	.2	3.4	6.0	-	.1
33219	Iron and steel castings, n.e.c.....	71	100.0	.1	-	.2	3.4	6.0	-	.1
335	Nonferrous metal basic shapes.....	135	100.0	1.0	11.9	.4	1.1	5.2	1.3	-
34	Fabricated metal products.....	124	100.0	.1	-	1.8	1.5	2.1	.1	.1
349	Miscellaneous fabricated metal products.	14	100.0	.2	.1	4.3	7.3	4.9	.7	.1
35	Machinery, except electrical.....	149	100.0	.2	.1	2.9	.7	18.9	-	.7
353	Construction, mining, and materials handling machinery and equipment.....	8	100.0	-	1.1	12.3	9.9	7.0	.1	-
358	Service industry machines.....	38	100.0	.8	-	6.7	-	33.1	-	-
3585	Refrigerators and refrigeration machinery (except household), and complete air-conditioning units.....	34	100.0	.9	-	7.4	-	36.8	-	-
36	Electrical machinery and equipment.....	240	100.0	.6	.3	5.1	.5	.5	.6	.1
362	Electrical industrial apparatus.....	60	100.0	.3	.2	11.7	1.2	.3	2.2	-
3621	Motors and generators.....	57	100.0	.2	.2	12.0	1.1	-	2.3	-
36211	Motors.....	56	100.0	.2	.2	12.3	1.1	-	2.3	-
37	Transportation equipment.....	718	100.0	.4	.9	1.4	1.5	1.1	.6	.1
371	Motor vehicles and motor vehicle equipment.....	629	100.0	.5	.9	.8	1.4	.9	.6	.1
3714	Motor vehicle parts and accessories.....	63	100.0	-	-	.2	1.5	-	1.2	-

See footnotes at end of table.

TABLE 4. Percent Distribution of Commodities, by Production Area of Destination: 1967--Continued

TCC code	Commodity	Percent distribution by production area ¹ of destination--Continued									
		8 (HARR)	9 (SYRA)	10 (BUFF)	11 (CLEV)	12 (PITT)	13 (DETR)	14 (CINC)	15 (CHIC)	16 (MILW)	17 (M-SP)
	TON-MILES OF SHIPMENTS										
	Production Area 18, total.....	0.2	0.8	0.5	0.9	0.6	1.6	1.2	4.1	0.6	3.1
20	Food and kindred products.....	.6	2.9	1.1	.6	.4	1.6	1.4	4.7	1.0	1.1
201	Meat, poultry, and small game; fresh, chilled or frozen.....	-	26.1	5.0	.8	.6	-	3.0	5.8	.3	-
262	Paper (except building paper).....	-	-	8.6	3.4	.7	.3	7.7	2.7	3.0	-
2621	Paper (except building paper).....	-	-	8.6	3.4	.7	.3	7.7	2.7	3.0	-
28	Chemicals and allied products.....	-	.1	.4	1.5	.3	1.2	2.8	3.4	.4	.7
281	Industrial chemicals.....	-	.1	.6	1.6	.5	1.0	2.8	3.6	.4	.9
283	Drugs (biological products, medicinal chemicals, botanical products, and pharmaceutical preparations).....	-	.2	-	.2	-	.4	.4	6.5	-	.1
2831	Drugs (biological products, medicinal chemicals, botanical products, and pharmaceutical preparations).....	-	.2	-	.2	-	.4	.4	6.5	-	.1
28311	Drugs for human use.....	-	.2	-	.2	-	.4	.4	6.5	-	.1
284	Soap and detergents, cleaning preparations, perfumes, cosmetics, and other toilet preparations.....	-	-	-	1.2	-	3.0	6.6	5.2	-	.9
2841	Soap and other detergents (except specialty cleansers).....	-	-	-	1.7	-	2.7	9.7	6.4	-	.7
29	Petroleum and coal products.....	-	-	-	.2	.1	.2	.4	4.3	.1	7.6
291	Products of petroleum refining.....	-	-	-	.2	.1	.1	.3	4.3	.1	7.8
2911	Products of petroleum refining (except liquefied petroleum gases and petroleum coke and breeze).....	-	-	-	.2	.1	.1	.1	4.4	.1	7.9
32	Stone, clay, and glass products.....	-	.1	.2	2.0	5.1	5.5	1.9	3.6	5.1	3.2
33	Primary metal products.....	-	.4	.8	1.2	.4	1.5	.5	5.2	.6	4.2
331	Steel works and rolling mill products...	-	-	-	-	-	2.1	.4	5.4	.2	4.5
3312	Primary iron and steel products (except coke-oven products).....	-	-	-	-	-	1.2	-	5.7	.2	4.9
332	Iron and steel castings.....	-	.8	3.3	.9	2.0	1.6	.2	8.1	1.4	.7
3321	Iron and steel castings.....	-	.8	3.3	.9	2.0	1.6	.2	8.1	1.4	.7
33219	Iron and steel castings, n.e.c.....	-	.8	3.3	.9	2.0	1.6	.2	8.2	1.4	.7
335	Nonferrous metal basic shapes.....	-	1.3	1.6	4.4	-	.4	1.1	1.7	1.3	7.7
34	Fabricated metal products.....	-	.1	.2	3.4	8.3	2.7	.6	5.5	.3	3.6
349	Miscellaneous fabricated metal products.	.2	.1	.4	2.5	-	.6	.7	8.8	.1	2.1
35	Machinery, except electrical.....	.1	.1	1.5	.6	.2	1.8	.1	1.2	.3	.2
353	Construction, mining, and materials handling machinery and equipment.....	.6	1.2	13.5	.6	.1	1.8	.5	.1	.7	.5
358	Service industry machines.....	-	-	1.0	.9	.4	1.0	.4	.3	.1	.5
3585	Refrigerators and refrigeration machinery (except household), and complete air-conditioning units.....	-	-	1.1	1.1	.4	1.1	.1	.1	-	-
36	Electrical machinery and equipment.....	.1	.9	.1	1.6	.2	.9	.1	7.7	.2	1.5
362	Electrical industrial apparatus.....	.1	2.4	.1	3.4	.1	.8	.1	16.8	.2	1.8
3621	Motors and generators.....	.1	2.5	.1	3.5	.1	.8	.1	17.2	.2	1.9
36211	Motors.....	.1	2.5	.1	3.6	.1	.8	.1	16.9	.2	1.9
37	Transportation equipment.....	.6	1.7	.5	.3	.4	5.7	.7	2.3	.2	-
371	Motor vehicles and motor vehicle equipment.....	.7	2.0	.2	.3	.5	6.4	.8	1.6	.2	.1
3714	Motor vehicle parts and accessories.....	-	.2	.1	.3	-	36.7	3.0	.5	.1	-

See footnotes at end of table.

TABLE 4. Percent Distribution of Commodities, by Production Area of Destination: 1967--Continued

TCC code	Commodity	Percent distribution by production area ¹ of destination--Continued									Sampling variability code ³
		18 ² (STLO)	19 (ATLA)	20 (DALL)	21 (HOUS)	22 (DENV)	23 (SETL)	24 (SANF)	25 (LOSA)	All other	
	TON-MILES OF SHIPMENTS										
	Production Area 18, total.....	1.1	0.7	1.6	4.8	1.4	0.5	2.0	3.8	61.9	-
20	Food and kindred products.....	.2	.7	1.0	1.4	2.5	.1	.8	2.9	62.3	-
201	Meat, poultry, and small game; fresh, chilled or frozen.....	.6	-	.4	5.0	.3	-	5.6	-	36.5	-
262	Paper (except building paper).....	.8	-	.2	1.1	.2	.5	1.5	12.1	31.4	-
2621	Paper (except building paper).....	.8	-	.2	1.1	.2	.5	1.5	12.1	31.4	-
28	Chemicals and allied products.....	.3	1.2	2.3	2.4	1.4	.4	5.3	8.9	52.7	-
281	Industrial chemicals.....	.3	.9	.5	3.0	.4	.6	8.4	10.6	43.1	-
283	Drugs (biological products, medicinal chemicals, botanical products, and pharmaceutical preparations).....	-	5.9	4.9	.4	.1	.7	15.1	14.7	20.3	-
2831	Drugs (biological products, medicinal chemicals, botanical products, and pharmaceutical preparations).....	-	5.9	4.9	.4	.1	.7	15.1	14.7	20.3	-
28311	Drugs for human use.....	-	5.9	4.9	.4	.1	.7	15.1	14.7	20.3	-
284	Soap and detergents, cleaning preparations, perfumes, cosmetics, and other toilet preparations.....	-	4.0	8.2	2.2	.8	-	-	13.8	46.5	-
2841	Soap and other detergents (except specialty cleansers).....	-	6.0	11.5	3.3	1.2	-	-	-	46.6	-
29	Petroleum and coal products.....	2.6	.2	.2	11.4	-	-	.4	.6	70.9	-
291	Products of petroleum refining.....	2.7	.1	-	11.8	-	-	.5	.4	70.9	-
2911	Products of petroleum refining (except liquefied petroleum gases and petroleum coke and breeze).....	2.7	.1	-	12.0	-	-	.5	.4	70.7	-
32	Stone, clay, and glass products.....	2.4	.7	.1	1.4	.7	-	-	2.9	59.5	-
33	Primary metal products.....	.8	.2	3.2	3.7	3.7	.7	2.5	1.4	58.5	-
331	Steel works and rolling mill products...	1.3	-	5.4	5.4	1.4	-	-	-	72.5	-
3312	Primary iron and steel products (except coke-oven products).....	1.3	-	4.4	5.9	1.6	-	-	-	73.9	-
332	Iron and steel castings.....	.2	-	.1	.5	.8	5.7	.2	2.2	61.5	-
3321	Iron and steel castings.....	.2	-	.1	.5	.8	5.7	.2	2.2	61.5	-
33219	Iron and steel castings, n.e.c.....	.2	-	.1	.5	.8	5.8	.2	2.2	61.3	-
335	Nonferrous metal basic shapes.....	.1	.1	.6	.5	13.1	.5	12.0	5.7	27.0	-
34	Fabricated metal products.....	.5	.6	.5	2.8	1.5	.4	2.6	1.0	59.7	-
349	Miscellaneous fabricated metal products.	.2	-	.4	-	.2	-	14.3	7.4	44.4	-
35	Machinery, except electrical.....	-	.4	.2	.5	-	-	.5	4.8	64.3	-
353	Construction, mining, and materials handling machinery and equipment.....	.1	.5	1.2	8.4	-	-	-	9.8	30.0	-
358	Service industry machines.....	-	1.1	.1	.2	.1	.2	.9	8.7	43.5	-
3585	Refrigerators and refrigeration machinery (except household), and complete air-conditioning units.....	-	-	-	-	-	.2	.5	9.7	40.6	-
36	Electrical machinery and equipment.....	-	1.6	1.5	2.1	.1	.7	1.0	3.1	68.9	-
362	Electrical industrial apparatus.....	-	2.4	.5	3.4	-	.1	-	1.6	50.3	-
3621	Motors and generators.....	-	2.4	.6	3.5	-	.1	-	1.4	49.7	-
36211	Motors.....	-	2.4	.6	3.6	-	.1	-	1.5	49.4	-
37	Transportation equipment.....	-	1.1	5.8	1.8	2.8	3.0	3.7	6.1	57.3	-
371	Motor vehicles and motor vehicle equipment.....	-	1.3	6.6	2.0	3.2	2.5	4.2	6.9	55.3	-
3714	Motor vehicle parts and accessories.....	-	.1	10.4	.4	.1	-	.5	30.0	14.7	-

¹Designations below the area numbers are used to help identify the area. Descriptions of production areas appear on page 4.²Includes only those shipments that originated in one city in this area and terminated in another city in this area. Does not include shipments originating and terminating in the same city.³Code letter indicates a sampling variability range as follows: a, 0-9 percent; b, 10-19 percent; c, 20-29 percent; and d, 30-50 percent. The variability for ton-miles has not been estimated.

PRODUCTION AREA 19

Consists of one Standard Metropolitan Statistical Area:
Atlanta, Ga.

SUMMARY

The estimates of tons and ton-miles are based on reports from a sample of shipments by approximately 91 manufacturing establishments located in this Production Area. The total tons and ton-miles represent the total inter-city shipments by essentially all manufacturing establishments in the area, except for plants with less than 20 employees. However, since the data are based on a sample, the estimates necessarily are subject to "sampling variability."

The approximate degree of sampling variability for tons for each commodity or commodity class is indicated in the last column of tables 1 to 4. In general, most of the commodity data in this report are subject to substantial sampling variability and should be treated as approximate rather than precise measures.

About 6.1 million tons of commodities were shipped by plants in this area to destinations beyond the local area. These shipments generated 1.5 billion ton-miles by all means of transport combined, and averaged about 249 straight-line miles per ton shipped.

Motor carriers are the major means of transport, hauling slightly more than half of the total tons. When measured in terms of ton-miles, rather than tons, motor carriers are still the dominant means of transport and account for 47 percent of the total ton-miles.

Comparisons between 1967 and 1963 data are presented in tables A through D. The 1967 survey is comparable with 1963, except for the exclusion from the survey, in 1967, of plants with less than 20 employees. Nationally, those plants accounted for only 4 percent of the total tons originated in the 1963 survey.

**Table A. PERCENT DISTRIBUTION OF SHIPMENTS
BY MEANS OF TRANSPORT**

Means of transport	All commodities	
	1967	1963
Tons of shipments.....millions..	6.1	2.1
Ton-miles.....billions..	1.5	.7
TONS OF SHIPMENTS		
Percent distribution		
All means of transport.....	100.0	100.0
Rail.....	23.5	23.0
Motor carrier.....	50.9	46.8
Private truck.....	24.8	28.6
Air.....	.3	-
Water.....	.2	-
Other.....	.3	1.6
TON-MILES		
All means of transport.....	100.0	100.0
Rail.....	34.7	27.9
Motor carrier.....	47.1	46.3
Private truck.....	17.6	18.4
Air.....	.1	-
Water.....	.2	-
Other.....	.3	7.4

Note: Ton-miles are the product of weight times distance on a straight-line distance basis.

**Table C. PERCENT DISTRIBUTION OF SHIPMENTS
BY DISTANCE OF SHIPMENT**

Distance shipped	All commodities	
	1967	1963
TONS OF SHIPMENTS		
All distances.....	100.0	100.0
Under 100 miles.....	28.9	21.0
100 to 199 miles.....	24.8	19.6
200 to 299 miles.....	16.1	14.7
300 to 499 miles.....	16.6	24.2
500 to 999 miles.....	13.2	17.8
1,000 to 1,499 miles.....	.1	.1
1,500 miles and over.....	.3	2.6

**Table B. AVERAGE LENGTH OF HAUL
BY MEANS OF TRANSPORT**

(Straight-line miles)

Means of transport	All commodities	
	1967	1963
All means of transport.....	249	339
Rail.....	368	411
Motor carrier.....	230	336
Private truck.....	176	218

Note: Average length of haul is based on straight-line miles from plant to customer or redistribution point, weighted by tonnage shipped (i.e., ton-miles divided by tons). Rail short-line and highway direct-route distances average about 24 and 21 percent, respectively, longer than straight-line distances.

**Table D. PERCENT DISTRIBUTION OF SHIPMENTS
BY AREA OF DESTINATION**

Area of destination	All commodities	
	1967	1963
Tons of shipments.....thousands..	6,055	2,105
Ton-miles.....millions..	1,506	714
TONS OF SHIPMENTS		
Percent distribution		
All areas.....	100.0	100.0
Production Area 19 ¹	7.6	1.2
Other production areas.....	10.4	12.8
All other areas.....	82.0	86.0
TON-MILES		
All areas.....	100.0	100.0
Production Area 19 ¹.....	.5	.1
Other production areas.....	26.3	33.1
All other areas.....	73.2	66.8

¹Includes only those shipments that originated in one city in this area and terminated in another city in this area.

TABLE 1. Percent Distribution of Commodities, by Means of Transport: 1967

TCC code	Commodity	Number	Percent distribution by means of transport								Sampling variability code ¹
			All means of transport	Rail	Motor carrier	Private truck	Air	Water	Other	Unknown	
	TONS OF SHIPMENTS	(thousands of tons)									
	Production Area 19, total.....	6,055	100.0	23.5	50.9	24.8	0.3	0.2	0.1	0.2	-
20	Food and kindred products.....	956	100.0	18.2	45.6	35.2	-	-	-	1.0	c
208	Beverages and flavoring extracts.....	503	100.0	13.2	39.6	47.2	-	-	-	-	d
221	Cotton broadwoven fabrics.....	104	100.0	1.5	89.5	8.9	.1	-	-	-	d
2211	Cotton broadwoven fabrics.....	104	100.0	1.5	89.5	8.9	.1	-	-	-	d
26	Pulp, paper, and allied products.....	394	100.0	23.9	52.6	23.2	.2	-	.1	-	c
284	Soap and detergents, cleaning preparations, perfumes, cosmetics, and other toilet preparations.....	216	100.0	40.6	58.3	.8	-	-	.1	.2	d
34	Fabricated metal products.....	60	100.0	17.5	66.2	16.1	.1	-	.1	-	c
35	Machinery, except electrical.....	43	100.0	-	56.3	43.4	.2	-	.1	-	d
	TON-MILES OF SHIPMENTS	(millions of ton-miles)									
	Production Area 19, total.....	1,506	100.0	34.7	47.1	17.6	.1	.2	.2	.1	-
20	Food and kindred products.....	269	100.0	28.2	44.0	27.1	-	-	-	.7	-
208	Beverages and flavoring extracts.....	129	100.0	26.9	29.2	43.9	-	-	-	-	-
221	Cotton broadwoven fabrics.....	53	100.0	2.2	94.7	3.0	.1	-	-	-	-
2211	Cotton broadwoven fabrics.....	53	100.0	2.2	94.7	3.0	.1	-	-	-	-
26	Pulp, paper, and allied products.....	162	100.0	23.8	62.6	13.2	.3	-	.1	-	-
284	Soap and detergents, cleaning preparations, perfumes, cosmetics, and other toilet preparations.....	62	100.0	24.2	74.9	.7	-	-	.1	.1	-
34	Fabricated metal products.....	22	100.0	27.3	55.5	17.0	.1	-	.1	-	-
35	Machinery, except electrical.....	20	100.0	-	72.9	26.7	.4	-	-	-	-

¹Code letter indicates a sampling variability range as follows: a, 0-9 percent; b, 10-19 percent; c, 20-29 percent; and d, 30-50 percent. The variability for ton-miles has not been estimated.

TABLE 2. Percent Distribution of Commodities, by Distance of Shipment: 1967

TCC code	Commodity	Number	Percent distribution by distance of shipment								Sampling variability code ¹
			All distances	Under 100 miles	100 to 199 miles	200 to 299 miles	300 to 499 miles	500 to 999 miles	1,000 to 1,499 miles	1,500 miles or over	
	TONS OF SHIPMENTS	(thousands of tons)									
	Production Area 19, total.....	6,055	100.0	28.9	24.8	16.1	16.6	13.2	0.1	0.3	-
20	Food and kindred products.....	956	100.0	15.5	24.6	23.9	22.7	13.2	.1	-	c
208	Beverages and flavoring extracts.....	503	100.0	19.7	26.0	23.1	19.8	11.2	.2	-	d
221	Cotton broadwoven fabrics.....	104	100.0	4.5	8.8	17.8	12.9	54.2	1.0	.8	d
2211	Cotton broadwoven fabrics.....	104	100.0	4.5	8.8	17.8	12.9	54.2	1.0	.8	d
26	Pulp, paper, and allied products.....	394	100.0	9.6	14.5	15.0	18.5	42.2	.1	.1	c
284	Soap and detergents, cleaning preparations, perfumes, cosmetics, and other toilet preparations.....	216	100.0	35.3	10.3	11.0	22.0	20.4	.4	.6	d
34	Fabricated metal products.....	60	100.0	20.4	25.9	8.1	11.3	33.6	.1	.6	c
35	Machinery, except electrical.....	43	100.0	13.6	7.2	19.3	27.1	25.9	.1	6.8	d
	TON-MILES OF SHIPMENTS	(millions of ton-miles)									
	Production Area 19, total.....	1,506	100.0	5.3	14.9	15.9	26.9	34.3	.5	2.2	-
20	Food and kindred products.....	269	100.0	3.1	13.2	20.8	31.5	30.8	.5	.1	-
208	Beverages and flavoring extracts.....	129	100.0	4.9	15.1	22.0	29.7	27.4	.9	-	-
221	Cotton broadwoven fabrics.....	53	100.0	.6	2.0	8.3	9.3	74.8	2.2	2.8	-
2211	Cotton broadwoven fabrics.....	53	100.0	.6	2.0	8.3	9.3	74.8	2.2	2.8	-
26	Pulp, paper, and allied products.....	162	100.0	1.6	5.4	8.6	18.4	65.4	.2	.4	-
284	Soap and detergents, cleaning preparations, perfumes, cosmetics, and other toilet preparations.....	62	100.0	1.9	5.6	9.4	29.6	47.9	1.4	4.2	-
34	Fabricated metal products.....	22	100.0	3.5	11.1	5.7	12.2	63.8	.5	3.2	-
35	Machinery, except electrical.....	20	100.0	1.4	2.5	9.4	22.5	37.3	.2	26.7	-

¹Code letter indicates a sampling variability range as follows: a, 0-9 percent; b, 10-19 percent; c, 20-29 percent; and d, 30-50 percent. The variability for ton-miles has not been estimated.

TABLE 3. Percent Distribution of Commodities, by Geographic Division of Destination: 1967

TCC code	Commodity	Number	Percent distribution by geographic division ¹ of destination										Sampling variability code ³
			All means of transport	New England	Middle Atlantic	East North Central	West North Central	South Atlantic	East South Central	West South Central	Mountain	Pacific ²	
	TONS OF SHIPMENTS	(thous. of tons)											
	Production Area 19, total.....	6,055	100.0	0.4	3.3	5.9	1.4	64.7	19.9	4.0	0.1	0.3	-
20	Food and kindred products.....	956	100.0	.8	1.7	.5	1.8	64.6	24.8	5.8	-	-	c
26	Pulp, paper, and allied products.....	394	100.0	.6	17.5	13.7	3.1	43.6	13.6	7.7	.1	.1	c
34	Fabricated metal products.....	60	100.0	-	10.9	8.0	3.1	48.5	16.1	12.8	-	.6	c
35	Machinery, except electrical.....	43	100.0	.3	4.5	8.7	1.1	57.3	11.7	9.6	1.2	5.6	d
	TON-MILES OF SHIPMENTS	(millions of ton-miles)											
	Production Area 19, total.....	1,506	100.0	1.6	9.1	12.1	3.6	47.5	14.9	8.8	.4	2.0	-
20	Food and kindred products.....	269	100.0	2.7	4.2	.9	5.0	60.5	16.9	9.7	-	.1	-
26	Pulp, paper, and allied products.....	162	100.0	1.2	27.4	16.3	6.1	30.8	5.9	11.7	.2	.4	-
34	Fabricated metal products.....	22	100.0	-	22.3	12.2	6.4	24.2	7.5	24.2	-	3.2	-
35	Machinery, except electrical.....	20	100.0	.6	6.8	8.9	1.9	35.1	6.0	14.0	3.9	22.8	-

¹States included in the geographic divisions are as follows: NEW ENGLAND--Maine, New Hampshire, Vermont, Massachusetts, Rhode Island, and Connecticut; MIDDLE ATLANTIC--New York, New Jersey, and Pennsylvania; EAST NORTH CENTRAL--Ohio, Indiana, Illinois, Michigan, and Wisconsin; WEST NORTH CENTRAL--Minnesota, Iowa, Missouri, North Dakota, South Dakota, Nebraska, and Kansas; SOUTH ATLANTIC--Delaware, Maryland, District of Columbia, Virginia, West Virginia, North Carolina, South Carolina, Georgia, and Florida; EAST SOUTH CENTRAL--Kentucky, Tennessee, Alabama, and Mississippi; WEST SOUTH CENTRAL--Arkansas, Louisiana, Oklahoma, and Texas; MOUNTAIN--Montana, Idaho, Wyoming, Colorado, New Mexico, Arizona, Utah, and Nevada; PACIFIC--Washington, Oregon, California, Alaska, and Hawaii.

²Shipments to Alaska and Hawaii from the 48 conterminous States and the District of Columbia are included; no data were obtained for shipments originating in Alaska and Hawaii.

³Code letter indicates a sampling variability range as follows: a, 0-9 percent; b, 10-19 percent; c, 20-29 percent; and d, 30-50 percent. The variability for ton-miles has not been estimated.

TABLE 4. Percent Distribution of Commodities, by Production Area of Destination: 1967

TCC code	Commodity	Number	Percent distribution by production area ¹ of destination							
			Total	1 (BOST)	2 (HART)	3 (NYNY)	4 (N. NJ)	5 (PHIL)	6 (BALT)	7 (ALLN)
	TONS OF SHIPMENTS	(thousands of tons)								
	Production Area 19, total.....	6,055	100.0	0.2	0.1	1.0	0.7	0.4	0.6	-
20	Food and kindred products.....	956	100.0	.5	-	.2	.2	.8	.4	-
208	Beverages and flavoring extracts.....	503	100.0	.4	-	-	-	-	.6	-
221	Cotton broadwoven fabrics.....	104	100.0	3.1	.4	26.1	2.6	.6	1.3	-
2211	Cotton broadwoven fabrics.....	104	100.0	3.1	.4	26.1	2.6	.6	1.3	-
26	Pulp, paper, and allied products.....	394	100.0	.5	-	3.2	3.9	.7	3.7	0.4
284	Soap and detergents, cleaning preparations, perfumes, cosmetics, and other toilet preparations.....	216	100.0	.2	-	-	2.4	.1	-	-
34	Fabricated metal products.....	60	100.0	-	-	.3	8.2	-	.2	.3
35	Machinery, except electrical.....	43	100.0	-	.3	.9	.3	.8	6.1	-
	TON-MILES OF SHIPMENTS	(millions of ton-miles)								
	Production Area 19, total.....	1,506	100.0	.9	.3	3.1	2.2	1.1	1.3	.1
20	Food and kindred products.....	269	100.0	1.5	.1	.6	.4	2.0	.9	-
208	Beverages and flavoring extracts.....	129	100.0	1.6	-	-	-	-	1.3	-
221	Cotton broadwoven fabrics.....	53	100.0	5.6	.6	38.2	3.7	.8	1.5	-
2211	Cotton broadwoven fabrics.....	53	100.0	5.6	.6	38.2	3.7	.8	1.5	-
26	Pulp, paper, and allied products.....	162	100.0	1.1	-	5.8	6.9	1.1	5.2	.7
284	Soap and detergents, cleaning preparations, perfumes, cosmetics, and other toilet preparations.....	62	100.0	.5	-	-	6.1	.1	.1	-
34	Fabricated metal products.....	22	100.0	-	-	.7	16.8	-	.4	.6
35	Machinery, except electrical.....	20	100.0	-	.6	1.5	.5	1.2	7.3	-

See footnotes at end of table.

TABLE 4. Percent Distribution of Commodities, by Production Area of Destination: 1967--Continued

TCC code	Commodity	Percent distribution by production area ¹ of destination—Continued									
		8 (HARR)	9 (SYRA)	10 (BUFF)	11 (CLEV)	12 (PITT)	13 (DETR)	14 (CINC)	15 (CHIC)	16 (MILW)	17 (M-SP)
	TONS OF SHIPMENTS										
	Production Area 19, total.....	-	0.1	0.2	0.2	0.6	0.9	0.7	0.8	0.1	0.1
20	Food and kindred products.....	-	.1	.2	-	-	.1	.1	-	-	-
208	Beverages and flavoring extracts.....	-	-	.2	-	-	-	-	-	-	-
221	Cotton broadwoven fabrics.....	0.5	-	.8	.3	4.8	.7	.7	7.8	-	.1
2211	Cotton broadwoven fabrics.....	.5	-	.8	.3	4.8	.7	.7	7.8	-	.1
26	Pulp, paper, and allied products.....	-	.1	1.6	.2	6.4	4.2	5.8	1.4	.4	1.1
284	Soap and detergents, cleaning prepara- tions, perfumes, cosmetics, and other toilet preparations.....	-	-	-	2.0	.1	.1	-	1.2	-	.3
34	Fabricated metal products.....	.3	1.3	.4	4.0	-	.1	.1	2.7	-	-
35	Machinery, except electrical.....	.6	1.6	.2	.7	-	-	.6	1.4	.1	-
	TON-MILES OF SHIPMENTS										
	Production Area 19, total.....	.1	.2	.5	.5	1.2	2.2	1.0	1.8	.1	.5
20	Food and kindred products.....	-	.4	.4	-	.1	.3	.2	-	-	.1
208	Beverages and flavoring extracts.....	-	-	.5	-	-	-	-	-	-	-
221	Cotton broadwoven fabrics.....	.6	.1	1.2	.3	4.9	.8	.5	8.9	-	.3
2211	Cotton broadwoven fabrics.....	.6	.1	1.2	.3	4.9	.8	.5	8.9	-	.3
26	Pulp, paper, and allied products.....	-	.2	2.8	.3	7.8	6.1	5.4	1.9	.6	2.4
284	Soap and detergents, cleaning prepara- tions, perfumes, cosmetics, and other toilet preparations.....	-	-	-	3.9	.2	.2	-	2.4	-	1.1
34	Fabricated metal products.....	.5	2.8	.7	6.1	-	.1	.1	4.3	-	-
35	Machinery, except electrical.....	.8	2.6	.3	.8	-	-	.5	1.8	.1	-

See footnotes at end of table.

TABLE 4. Percent Distribution of Commodities, by Production Area of Destination: 1967--Continued

TCC code	Commodity	Percent distribution by production area ¹ of destination--Continued									Sampling vari- ability code
		18 (STLO)	19 ² (ATLA)	20 (DALL)	21 (HOUS)	22 (DENV)	23 (SETL)	24 (SANF)	25 (LOSA)	All other	
	TONS OF SHIPMENTS										
	Production Area 19, total.....	2.7	7.6	0.6	0.2	-	-	-	0.2	82.0	-
20	Food and kindred products.....	-	2.7	.5	.3	-	-	-	-	93.9	c
208	Beverages and flavoring extracts.....	-	2.5	.9	.6	-	-	-	-	94.8	d
221	Cotton broadwoven fabrics.....	1.2	.2	.2	1.0	0.3	-	0.2	.2	46.9	d
2211	Cotton broadwoven fabrics.....	1.2	.2	.2	1.0	.3	-	.2	.2	46.9	d
26	Pulp, paper, and allied products.....	-	.5	1.8	.2	-	-	-	-	63.9	c
284	Soap and detergents, cleaning prepara- tions, perfumes, cosmetics, and other toilet preparations.....	.4	32.6	5.1	1.1	.1	-	.2	.3	53.8	d
34	Fabricated metal products.....	.1	4.5	9.5	.1	-	-	-	.5	67.4	c
35	Machinery, except electrical.....	-	1.3	-	.4	-	-	-	5.6	79.1	d
	TON-MILES OF SHIPMENTS										
	Production Area 19, total.....	5.1	.5	1.7	.5	.1	-	.2	1.6	73.2	-
20	Food and kindred products.....	-	.2	1.3	.8	-	-	.1	-	90.6	-
208	Beverages and flavoring extracts.....	-	.2	2.7	1.6	-	-	-	-	92.1	-
221	Cotton broadwoven fabrics.....	1.1	-	.4	1.4	.7	-	.8	.7	26.9	-
2211	Cotton broadwoven fabrics.....	1.1	-	.4	1.4	.7	-	.8	.7	26.9	-
26	Pulp, paper, and allied products.....	.1	-	3.1	.3	-	-	.1	.2	47.9	-
284	Soap and detergents, cleaning prepara- tions, perfumes, cosmetics, and other toilet preparations.....	.6	1.2	13.0	2.7	.5	-	1.4	1.9	64.1	-
34	Fabricated metal products.....	.1	.2	19.0	.1	-	-	-	2.9	44.6	-
35	Machinery, except electrical.....	-	.1	-	.6	-	-	.1	22.6	58.6	-

¹Designations below the area numbers are used to help identify the area. Descriptions of production areas appear on page 4.

²Includes only those shipments that originated in one city in this area and terminated in another city in this area. Does not include shipments originating and terminating in the same city.

³Code letter indicates a sampling variability range as follows: a, 0-9 percent; b, 10-19 percent; c, 20-29 percent; and d, 30-50 percent. The variability for ton-miles has not been estimated.

PRODUCTION AREA 20

Consists of two Standard Metropolitan Statistical Areas:
Dallas, Tex. and Fort Worth, Tex.

SUMMARY

The estimates of tons and ton-miles are based on reports from a sample of shipments by approximately 169 manufacturing establishments located in this Production Area. The total tons and ton-miles represent the total inter-city shipments by essentially all manufacturing establishments in the area, except for plants with less than 20 employees. However, since the data are based on a sample, the estimates necessarily are subject to "sampling variability."

The approximate degree of sampling variability for tons for each commodity or commodity class is indicated in the last column of tables 1 to 4. In general, most of the commodity data in this report are subject to substantial sampling variability and should be treated as approximate rather than precise measures.

About 8.8 million tons of commodities were shipped by plants in this area to destinations beyond the local area. These shipments generated 2.4 billion ton-miles by all means of transport combined, and averaged about 272 straight-line miles per ton shipped.

Motor carriers are the major means of transport, hauling slightly more than 40 percent of the total tons. When measured in terms of ton-miles, rather than tons, motor carriers are still the dominant means of transport and account for 44 percent of the total.

Comparisons between 1967 and 1963 data are presented in tables A through D. The 1967 survey is comparable with 1963, except for the exclusion from the survey, in 1967, of plants with less than 20 employees. Nationally, those plants accounted for only 4 percent of the total tons originated in the 1963 survey.

Table A. PERCENT DISTRIBUTION OF SHIPMENTS
BY MEANS OF TRANSPORT

Means of transport	All commodities	
	1967	1963
Tons of shipments.....millions..	8.8	9.4
Ton-miles.....billions..	2.4	3.1
TONS OF SHIPMENTS		
Percent distribution		
All means of transport.....	100.0	100.0
Rail.....	27.9	25.6
Motor carrier.....	40.6	52.2
Private truck.....	30.9	21.9
Air.....	.1	-
Water.....	-	-
Other.....	.5	.3
TON-MILES		
All means of transport.....	100.0	100.0
Rail.....	32.9	34.5
Motor carrier.....	44.2	49.7
Private truck.....	21.6	15.4
Air.....	.4	.1
Water.....	-	.1
Other.....	.9	.2

Note: Ton-miles are the product of weight times distance on a straight-line distance basis.

Table B. AVERAGE LENGTH OF HAUL
BY MEANS OF TRANSPORT

Means of transport	All commodities (Straight-line miles)	
	1967	1963
All means of transport.....	272	333
Rail.....	321	449
Motor carrier.....	296	317
Private truck.....	190	234

Note: Average length of haul is based on straight-line miles from plant to customer or redistribution point, weighted by tonnage shipped (i.e., ton-miles divided by tons). Rail short-line and highway direct-route distances average about 24 and 21 percent, respectively, longer than straight-line distances.

Table C. PERCENT DISTRIBUTION OF SHIPMENTS
BY DISTANCE OF SHIPMENT

Distance shipped	All commodities	
	1967	1963
TONS OF SHIPMENTS		
All distances.....	100.0	100.0
Under 100 miles.....	30.8	24.2
100 to 199 miles.....	21.1	16.7
200 to 299 miles.....	21.5	22.4
300 to 499 miles.....	12.1	17.9
500 to 999 miles.....	10.4	12.2
1,000 to 1,499 miles.....	3.7	6.0
1,500 miles and over.....	.4	.6

Table D. PERCENT DISTRIBUTION OF SHIPMENTS
BY AREA OF DESTINATION

Area of destination	All commodities	
	1967	1963
Tons of shipments.....thousands..	8,767	9,380
Ton-miles.....millions..	2,382	3,121
TONS OF SHIPMENTS		
Percent distribution		
All areas.....	100.0	100.0
Production Area 20 ¹	17.0	15.8
Other production areas.....	13.4	19.1
All other areas.....	69.6	65.1
TON-MILES		
All areas.....	100.0	100.0
Production Area 20 ¹	1.7	1.0
Other production areas.....	28.4	39.5
All other areas.....	69.9	59.5

¹Includes only those shipments that originated in one city in this area and terminated in another city in this area.

TABLE 1. Percent Distribution of Commodities, by Means of Transport: 1967

TCC code	Commodity	Number	Percent distribution by means of transport								Sampling variability code ¹
			All means of transport	Rail	Motor carrier	Private truck	Air	Water	Other	Unknown	
	TONS OF SHIPMENTS	(thousands of tons)									
	Production Area 20, total.....	8,767	100.0	27.9	40.6	30.9	0.1	-	0.4	0.1	-
20	Food and kindred products.....	3,075	100.0	42.2	17.5	40.0	-	-	-	.3	d
201	Meat, poultry, and small game; fresh, chilled or frozen.....	302	100.0	17.6	37.4	45.0	-	-	-	-	b
2013	Meat products.....	50	100.0	18.1	17.1	64.8	-	-	-	-	d
26	Pulp, paper, and allied products.....	236	100.0	6.3	31.4	62.3	-	-	-	-	d
28	Chemicals and allied products.....	1,804	100.0	23.1	63.3	13.0	-	-	.6	-	d
284	Soap and detergents, cleaning preparations, perfumes, cosmetics, and other toilet preparations.....	285	100.0	32.1	52.3	15.6	-	-	-	-	c
28511	Paints, varnishes, lacquers, enamels, and shellacs.....	67	100.0	-	72.8	27.2	-	-	-	-	d
32	Stone, clay, and glass products.....	1,840	100.0	18.7	61.4	19.9	-	-	-	-	d
35	Machinery, except electrical.....	189	100.0	9.5	67.8	21.4	.4	0.1	.8	-	d
353	Construction, mining, and materials handling machinery and equipment.....	44	100.0	1.9	54.4	42.2	1.0	-	.5	-	d
3533	Oil field machinery and equipment.....	19	100.0	4.3	92.5	-	1.9	.1	1.2	-	d
35331	Oil and gas field drilling and field production machinery and equipment....	7	100.0	.4	99.5	-	-	.1	-	-	b
372	Aircraft and parts.....	7	100.0	-	71.1	13.7	12.5	-	2.7	-	d
3729	Aircraft parts and equipment, n.e.c....	5	100.0	.1	64.4	19.5	14.7	-	1.3	-	d
37299	Aircraft parts and equipment, n.e.c....	5	100.0	.1	64.4	19.5	14.7	-	1.3	-	d
	TON-MILES OF SHIPMENTS	(millions of ton-miles)									
	Production Area 20, total.....	2,382	100.0	32.9	44.2	21.6	.4	-	.4	.5	-
20	Food and kindred products.....	799	100.0	43.4	31.0	24.1	-	-	-	1.5	-
201	Meat, poultry, and small game; fresh, chilled or frozen.....	136	100.0	25.7	58.8	15.5	-	-	-	-	-
2013	Meat products.....	20	100.0	61.6	15.3	23.1	-	-	-	-	-
26	Pulp, paper, and allied products.....	53	100.0	9.2	54.3	36.0	.3	-	.2	-	-
28	Chemicals and allied products.....	518	100.0	30.1	59.4	10.4	-	-	.1	-	-
284	Soap and detergents, cleaning preparations, perfumes, cosmetics, and other toilet preparations.....	77	100.0	34.2	51.9	13.8	-	-	.1	-	-
28511	Paints, varnishes, lacquers, enamels, and shellacs.....	24	100.0	-	85.3	14.6	-	-	.1	-	-
32	Stone, clay, and glass products.....	265	100.0	34.6	51.4	14.0	-	-	-	-	-
35	Machinery, except electrical.....	132	100.0	9.6	68.2	20.2	.6	.4	1.0	-	-
353	Construction, mining, and materials handling machinery and equipment.....	25	100.0	1.4	49.3	47.2	1.6	.2	.3	-	-
3533	Oil field machinery and equipment.....	9	100.0	3.9	91.8	-	3.0	.4	.9	-	-
35331	Oil and gas field drilling and field production machinery and equipment....	4	100.0	.3	98.7	-	.1	.9	-	-	-
372	Aircraft and parts.....	8	100.0	.1	86.5	.4	11.9	-	1.1	-	-
3729	Aircraft parts and equipment, n.e.c....	5	100.0	.1	82.8	.6	15.5	-	1.0	-	-
37299	Aircraft parts and equipment, n.e.c....	5	100.0	.1	82.8	.6	15.5	-	1.0	-	-

¹Code letter indicates a sampling variability range as follows; a, 0-9 percent; b, 10-19 percent; c, 20-29 percent; and d, 30-50 percent. The variability for ton-miles has not been estimated.

TABLE 2. Percent Distribution of Commodities, by Distance of Shipment: 1967

TCC code	Commodity	Number	Percent distribution by distance of shipment								Sampling variability code ¹
			All distances	Under 100 miles	100 to 199 miles	200 to 299 miles	300 to 499 miles	500 to 999 miles	1,000 to 1,499 miles	1,500 miles or over	
	TONS OF SHIPMENTS	(thousands of tons)									
	Production Area 20, total.....	8,767	100.0	30.8	21.1	21.5	12.1	10.4	3.7	0.4	-
20	Food and kindred products.....	3,075	100.0	22.5	29.0	26.4	11.5	7.2	3.2	.2	d
201	Meat, poultry, and small game; fresh, chilled or frozen.....	302	100.0	22.1	11.1	28.2	13.8	4.5	18.1	2.2	b
2013	Meat products.....	50	100.0	34.0	12.4	21.5	12.8	.7	18.1	.5	d
26	Pulp, paper, and allied products.....	236	100.0	32.2	22.3	25.1	11.3	7.6	1.3	.2	d
28	Chemicals and allied products.....	1,804	100.0	25.9	17.2	22.6	15.3	17.9	1.1	-	d
284	Soap and detergents, cleaning preparations, perfumes, cosmetics, and other toilet preparation.....	285	100.0	23.9	16.2	31.5	16.0	10.2	2.2	-	c
28511	Paints, varnishes, lacquers, enamels, and shellacs.....	67	100.0	5.9	15.9	26.0	28.5	23.0	.7	-	d
32	Stone, clay, and glass products.....	1,840	100.0	58.3	17.8	11.8	8.8	1.8	1.3	.2	d
35	Machinery, except electrical.....	189	100.0	3.1	6.4	19.9	13.5	31.2	23.3	2.6	d
353	Construction, mining, and materials handling machinery and equipment.....	44	100.0	3.6	2.7	21.4	29.6	27.6	14.8	.3	d
3533	Oil field machinery and equipment.....	19	100.0	1.2	1.9	31.1	44.8	7.7	13.0	.3	d
35331	Oil and gas field drilling and field production machinery and equipment....	7	100.0	2.7	4.2	23.4	31.5	8.8	28.8	.6	b
372	Aircraft and parts.....	7	100.0	14.6	1.0	3.6	.1	7.9	72.7	.1	d
3729	Aircraft parts and equipment, n.e.c....	5	100.0	20.5	1.4	.1	.2	11.2	66.5	.1	d
37299	Aircraft parts and equipment, n.e.c....	5	100.0	20.5	1.4	.1	.2	11.2	66.5	.1	d
	TON-MILES OF SHIPMENTS	(millions of ton-miles)									
	Production Area 20, total.....	2,382	100.0	5.4	11.6	19.4	17.3	26.5	17.4	2.4	-
20	Food and kindred products.....	799	100.0	4.5	16.6	24.9	18.1	18.6	16.0	1.3	-
201	Meat, poultry, and small game; fresh, chilled or frozen.....	136	100.0	2.1	3.5	15.0	12.8	7.8	51.0	7.8	-
2013	Meat products.....	20	100.0	3.6	4.5	13.8	13.3	1.5	61.5	1.8	-
26	Pulp, paper, and allied products.....	53	100.0	5.1	16.4	28.0	19.3	22.3	7.6	1.3	-
28	Chemicals and allied products.....	518	100.0	4.8	9.2	19.5	19.2	42.3	4.8	.2	-
284	Soap and detergents, cleaning preparations, perfumes, cosmetics, and other toilet preparations.....	77	100.0	3.2	9.1	27.5	25.1	25.3	9.8	-	-
28511	Paints, varnishes, lacquers, enamels, and shellacs.....	24	100.0	.8	5.7	17.5	28.3	45.0	2.7	-	-
32	Stone, clay, and glass products.....	265	100.0	16.8	17.2	19.6	23.7	9.3	11.4	2.0	-
35	Machinery, except electrical.....	132	100.0	.2	1.4	7.0	7.8	34.7	42.5	6.4	-
353	Construction, mining, and materials handling machinery and equipment.....	25	100.0	.4	.8	8.8	20.5	37.7	30.5	1.3	-
3533	Oil field machinery and equipment.....	9	100.0	.2	.7	15.4	36.5	12.1	33.4	1.7	-
35331	Oil and gas field drilling and field production machinery and equipment....	4	100.0	.3	1.1	8.9	18.6	11.5	56.7	2.0	-
372	Aircraft and parts.....	8	100.0	.4	.2	.8	-	5.7	92.7	.2	-
3729	Aircraft parts and equipment, n.e.c....	5	100.0	.6	.2	-	.1	8.9	89.9	.3	-
37299	Aircraft parts and equipment, n.e.c....	5	100.0	.6	.2	-	.1	8.9	89.9	.3	-

¹Code letter indicates a sampling variability range as follows: a, 0-9 percent; b, 10-19 percent; c, 20-29 percent; and d, 30-50 percent. The variability for ton-miles has not been estimated.

TABLE 3. Percent Distribution of Commodities, by Geographic Division of Destination: 1967

TCC code	Commodity	Number	Percent distribution by geographic division ¹ of destination										Sampling variability code ³
			All means of transport	New England	Middle Atlantic	East North Central	West North Central	South Atlantic	East South Central	West South Central	Mountain	Pacific ²	
	TONS OF SHIPMENTS	(thous. of tons)											
	Production Area 20, total.....	8,767	100.0	0.2	0.8	2.5	4.9	2.6	1.9	81.4	3.8	1.9	-
20	Food and kindred products.....	3,075	100.0	.2	.6	2.0	6.4	1.4	1.3	83.8	2.4	1.9	d
26	Pulp, paper, and allied products.....	236	100.0	.4	.4	.4	4.1	2.3	3.1	87.6	1.3	.4	d
28	Chemicals and allied products.....	1,804	100.0	-	.2	2.3	5.9	4.7	1.7	76.2	8.7	.3	d
32	Stone, clay, and glass products.....	1,840	100.0	-	.4	.2	.2	1.3	.5	96.6	.4	.4	d
35	Machinery, except electrical.....	189	100.0	1.1	10.4	14.2	9.5	9.6	4.0	40.9	3.7	6.6	d
	TON-MILES OF SHIPMENTS	(millions of ton-miles)											
	Production Area 20, total.....	2,382	100.0	1.1	3.8	7.6	8.4	8.4	3.8	48.1	8.9	9.9	-
20	Food and kindred products.....	799	100.0	1.2	3.0	5.9	11.0	5.0	2.7	55.0	5.9	10.3	-
26	Pulp, paper, and allied products.....	53	100.0	2.7	2.6	1.6	10.6	8.0	5.9	62.4	3.7	2.5	-
28	Chemicals and allied products.....	518	100.0	-	.8	6.4	9.0	13.4	2.7	47.2	18.9	1.6	-
32	Stone, clay, and glass products.....	265	100.0	-	3.6	1.0	.9	8.7	2.4	77.5	1.4	4.5	-
35	Machinery, except electrical.....	132	100.0	2.4	19.8	17.9	9.6	13.4	3.3	15.2	4.9	13.5	-

¹States included in the geographic divisions are as follows: NEW ENGLAND--Maine, New Hampshire, Vermont, Massachusetts, Rhode Island, and Connecticut; MIDDLE ATLANTIC--New York, New Jersey, and Pennsylvania; EAST NORTH CENTRAL--Ohio, Indiana, Illinois, Michigan, and Wisconsin; WEST NORTH CENTRAL--Minnesota, Iowa, Missouri, North Dakota, South Dakota, Nebraska, and Kansas; SOUTH ATLANTIC--Delaware, Maryland, District of Columbia, Virginia, West Virginia, North Carolina, South Carolina, Georgia, and Florida; EAST SOUTH CENTRAL--Kentucky, Tennessee, Alabama, and Mississippi; WEST SOUTH CENTRAL--Arkansas, Louisiana, Oklahoma, and Texas; MOUNTAIN--Montana, Idaho, Wyoming, Colorado, New Mexico, Arizona, Utah, and Nevada; PACIFIC--Washington, Oregon, California, Alaska, and Hawaii.

²Shipments to Alaska and Hawaii from the 48 conterminous States and the District of Columbia are included; no data were obtained for shipments originating in Alaska and Hawaii.

³Code letter indicates a sampling variability range as follows: a, 0-9 percent; b, 10-19 percent; c, 20-29 percent; and d, 30-50 percent. The variability for ton-miles has not been estimated.

TABLE 4. Percent Distribution of Commodities, by Production Area of Destination: 1967

TCC code	Commodity	Number	Percent distribution by production area ¹ of destination							
			Total	1 (BOST)	2 (HART)	3 (NYNY)	4 (N. NJ)	5 (PHIL)	6 (BALT)	7 (ALLN)
	TONS OF SHIPMENTS	(thousands of tons)								
	Production Area 20, total.....	8,767	100.0	0.1	-	0.2	0.2	0.1	0.1	-
20	Food and kindred products.....	3,075	100.0	.2	-	.1	.3	-	-	-
201	Meat, poultry, and small game; fresh, chilled or frozen.....	302	100.0	2.0	-	1.1	3.0	-	-	-
2013	Meat products.....	50	100.0	-	-	-	18.1	-	-	-
26	Pulp, paper, and allied products.....	236	100.0	-	0.3	.1	.2	.1	-	-
28	Chemicals and allied products.....	1,804	100.0	-	-	-	-	.1	.4	-
284	Soap and detergents, cleaning prepara- tions, perfumes, cosmetics, and other toilet preparations.....	285	100.0	-	-	-	-	.5	-	-
28511	Paints, varnishes, lacquers, enamels, and shellacs.....	67	100.0	-	-	-	.3	-	-	-
32	Stone, clay, and glass products.....	1,840	100.0	-	-	.1	-	-	-	-
35	Machinery, except electrical.....	189	100.0	.3	.2	5.6	.3	1.4	.1	-
353	Construction, mining, and materials handling machinery and equipment.....	44	100.0	.2	-	.3	-	1.8	.6	-
3533	Oil field machinery and equipment.....	19	100.0	.1	-	.7	-	4.1	-	-
35331	Oil and gas field drilling and field production machinery and equipment...	7	100.0	.1	-	-	-	11.0	-	-
372	Aircraft and parts.....	7	100.0	-	24.1	.2	.1	-	.8	-
3729	Aircraft parts and equipment, n.e.c....	5	100.0	.1	.5	.3	.2	-	1.1	-
37299	Aircraft parts and equipment, n.e.c....	5	100.0	.1	.5	.3	.2	-	1.1	-
	TON-MILES OF SHIPMENTS	(millions of ton-miles)								
	Production Area 20, total.....	2,382	100.0	.7	.3	1.2	.8	.4	.4	-
20	Food and kindred products.....	799	100.0	1.2	-	.6	1.6	-	-	-
201	Meat, poultry, and small game; fresh, chilled or frozen.....	136	100.0	6.8	-	3.4	9.2	-	-	-
2013	Meat products.....	20	100.0	-	-	-	61.6	-	-	-
26	Pulp, paper, and allied products.....	53	100.0	-	2.3	.5	1.1	.5	-	0.1
28	Chemicals and allied products.....	518	100.0	-	-	-	.1	.3	1.6	-
284	Soap and detergents, cleaning prepara- tions, perfumes, cosmetics, and other toilet preparations.....	77	100.0	-	-	-	-	2.3	-	-
28511	Paints, varnishes, lacquers, enamels, and shellacs.....	24	100.0	-	-	.1	1.2	-	-	-
32	Stone, clay, and glass products.....	265	100.0	-	-	1.1	-	.1	.1	-
35	Machinery, except electrical.....	132	100.0	.6	.5	11.1	.5	2.6	.2	-
353	Construction, mining, and materials handling machinery and equipment.....	25	100.0	.5	-	.8	-	4.1	1.3	-
3533	Oil field machinery and equipment.....	9	100.0	.4	-	2.2	-	11.2	-	-
35331	Oil and gas field drilling and field production machinery and equipment...	4	100.0	.2	-	.1	-	23.1	.1	-
372	Aircraft and parts.....	8	100.0	.1	33.3	.3	.2	-	.0	-
3729	Aircraft parts and equipment, n.e.c....	5	100.0	.1	.8	.4	.2	.1	1.4	-
37299	Aircraft parts and equipment, n.e.c....	5	100.0	.1	.8	.4	.2	.1	1.4	-

See footnotes at end of table.

TABLE 4. Percent Distribution of Commodities, by Production Area of Destination: 1967--Continued

TCC code	Commodity	Percent distribution by production area ¹ of destination--Continued									
		8 (HARR)	9 (SYRA)	10 (BUFF)	11 (CLEV)	12 (PITT)	13 (DETR)	14 (CINC)	15 (CHIC)	16 (MILW)	17 (M-SP)
	TONS OF SHIPMENTS										
	Production Area 20, total.....	-	0.1	-	0.3	0.1	0.2	0.1	0.4	-	0.1
20	Food and kindred products.....	-	-	-	-	.2	-	-	.1	-	-
201	Meat, poultry, and small game; fresh, chilled or frozen.....	-	-	-	-	1.9	-	-	1.1	-	-
2013	Meat products.....	-	-	-	-	-	-	-	.7	-	-
26	Pulp, paper, and allied products.....	-	-	-	-	-	-	-	.2	-	-
28	Chemicals and allied products.....	0.1	-	-	.1	-	.1	-	.3	-	.1
284	Soap and detergents, cleaning prepara- tions, perfumes, cosmetics, and other toilet preparations.....	.4	-	-	.4	-	.2	.2	.7	-	.3
28511	Paints, varnishes, lacquers, enamels, and shellacs.....	-	-	-	-	-	-	-	-	-	-
32	Stone, clay, and glass products.....	-	.1	-	-	-	-	-	-	-	.1
35	Machinery, except electrical.....	.7	.7	1.0	.8	.1	.8	1.2	3.2	0.1	.3
353	Construction, mining, and materials handling machinery and equipment.....	1.8	-	.4	.2	.6	1.4	3.6	2.1	.2	.3
3533	Oil field machinery and equipment.....	.3	-	.1	-	-	.5	-	.2	-	-
35331	Oil and gas field drilling and field production machinery and equipment....	.8	-	.4	-	-	1.2	-	.4	-	-
372	Aircraft and parts.....	.8	-	-	-	-	-	.1	-	-	-
3729	Aircraft parts and equipment, n.e.c....	1.1	-	-	-	-	-	.1	-	-	-
37299	Aircraft parts and equipment, n.e.c....	1.1	-	-	-	-	-	.1	-	-	-
	TON-MILES OF SHIPMENTS										
	Production Area 20, total.....	.2	.4	.1	1.0	.4	.6	.4	1.1	.1	.3
20	Food and kindred products.....	-	-	-	-	.8	-	-	.4	-	.1
201	Meat, poultry, and small game; fresh, chilled or frozen.....	-	-	-	-	4.6	-	-	1.9	-	-
2013	Meat products.....	-	-	-	-	-	-	-	1.5	-	-
26	Pulp, paper, and allied products.....	.2	.1	.1	.1	-	.1	.1	.8	-	-
28	Chemicals and allied products.....	.3	-	-	.3	-	.5	.1	.7	-	.2
284	Soap and detergents, cleaning prepara- tions, perfumes, cosmetics, and other toilet preparations.....	1.7	-	-	1.7	.2	.6	.5	2.1	-	1.1
28511	Paints, varnishes, lacquers, enamels, and shellacs.....	-	-	-	-	-	-	-	-	-	-
32	Stone, clay, and glass products.....	-	1.2	-	-	-	.3	-	.1	.1	.4
35	Machinery, except electrical.....	1.2	1.4	1.7	1.3	.2	1.1	1.5	3.8	.1	.3
353	Construction, mining, and materials handling machinery and equipment.....	4.0	-	1.0	.3	1.1	2.5	5.4	3.0	.3	.5
3533	Oil field machinery and equipment.....	.8	-	.4	-	.1	1.0	-	.3	-	-
35331	Oil and gas field drilling and field production machinery and equipment...	1.6	-	.8	-	-	2.0	-	.6	-	-
372	Aircraft and parts.....	.9	-	-	-	-	-	.1	-	-	-
3729	Aircraft parts and equipment, n.e.c....	1.4	-	-	-	-	-	.1	-	-	-
37299	Aircraft parts and equipment, n.e.c....	1.4	-	-	-	-	-	.1	-	-	-

See footnotes at end of table.

TABLE 4. Percent Distribution of Commodities, by Production Area of Destination: 1967--Continued

TCC code	Commodity	Percent distribution by production area ¹ of destination--Continued									Sampling variability code ³
		18 (STLO)	19 (ATLA)	20 ² (DALL)	21 (HOUS)	22 (DENV)	23 (SETL)	24 (SANF)	25 (LOSA)	All other	
	TONS OF SHIPMENTS										
	Production Area 20, total.....	0.3	1.1	17.0	7.6	0.9	0.1	0.7	0.7	69.6	-
20	Food and kindred products.....	-	.5	11.0	7.3	1.7	-	1.3	.6	76.7	d
201	Meat, poultry, and small game; fresh, chilled or frozen.....	-	-	14.7	20.2	-	.2	3.0	2.5	50.3	b
2013	Meat products.....	-	-	25.9	12.2	-	-	-	-	43.1	d
26	Pulp, paper, and allied products.....	1.3	2.0	25.3	6.1	.9	-	.1	.2	63.2	d
28	Chemicals and allied products.....	.7	3.1	9.3	9.4	.4	-	-	.3	75.6	d
284	Soap and detergents, cleaning preparations, perfumes, cosmetics, and other toilet preparations.....	.7	.2	12.0	22.7	.6	-	.1	-	61.0	c
28511	Paints, varnishes, lacquers, enamels, and shellacs.....	-	21.6	1.9	11.9	-	-	.1	-	64.2	d
32	Stone, clay, and glass products.....	-	.1	34.9	4.8	.1	-	.1	.1	59.6	d
35	Machinery, except electrical.....	1.6	3.3	2.5	12.9	.7	-	1.1	3.3	57.8	d
353	Construction, mining, and materials handling machinery and equipment.....	2.4	.1	2.5	14.2	2.6	-	.1	1.3	63.3	d
3533	Oil field machinery and equipment.....	-	-	-	25.9	3.3	-	.1	1.7	63.0	d
35331	Oil and gas field drilling and field production machinery and equipment....	-	-	-	18.6	1.1	.1	.2	3.6	62.5	b
372	Aircraft and parts.....	-	-	14.5	2.7	-	-	8.5	1.0	47.2	d
3729	Aircraft parts and equipment, n.e.c....	-	-	20.4	.1	-	-	12.0	1.4	62.7	d
37299	Aircraft parts and equipment, n.e.c....	-	-	20.4	.1	-	-	12.0	1.4	62.7	d
	TON-MILES OF SHIPMENTS										
	Production Area 20, total.....	.7	2.9	1.7	6.6	2.3	.3	3.9	3.3	69.9	-
20	Food and kindred products.....	-	1.4	1.3	6.8	4.3	.1	7.3	2.7	71.4	-
201	Meat, poultry, and small game; fresh, chilled or frozen.....	-	-	.9	10.6	-	.7	9.7	6.8	45.4	-
2013	Meat products.....	-	-	2.0	7.1	-	-	-	-	27.8	-
26	Pulp, paper, and allied products.....	3.2	6.5	2.5	6.1	2.7	.2	.4	1.1	71.3	-
28	Chemicals and allied products.....	1.3	8.1	.6	7.6	.9	-	.1	1.2	76.1	-
284	Soap and detergents, cleaning preparations, perfumes, cosmetics, and other toilet preparations.....	1.4	.5	.8	19.1	1.3	-	.5	.2	66.0	-
28511	Paints, varnishes, lacquers, enamels, and shellacs.....	-	42.0	.2	7.5	-	-	.6	-	48.4	-
32	Stone, clay, and glass products.....	.2	.5	5.7	7.9	.3	.2	.9	.6	80.3	-
35	Machinery, except electrical.....	1.3	3.5	.1	4.3	.6	-	2.3	5.8	54.0	-
353	Construction, mining, and materials handling machinery and equipment.....	2.4	.1	.2	5.6	3.0	-	.3	2.8	60.8	-
3533	Oil field machinery and equipment.....	-	-	-	12.2	4.6	.1	.2	4.6	61.9	-
35331	Oil and gas field drilling and field production machinery and equipment....	-	-	-	6.8	1.2	.2	.5	7.3	55.5	-
372	Aircraft and parts.....	-	-	.4	.6	-	-	11.9	1.1	50.2	-
3729	Aircraft parts and equipment, n.e.c....	-	-	.6	-	-	-	18.6	1.8	74.5	-
37299	Aircraft parts and equipment, n.e.c....	-	-	.6	-	-	-	18.6	1.8	74.5	-

¹Designations below the area numbers are used to help identify the area. Descriptions of production areas appear on page 4.

²Includes only those shipments that originated in one city in this area and terminated in another city in this area. Does not include shipments originating and terminating in the same city.

³Code letter indicates a sampling variability range as follows: a, 0-9 percent; b, 10-19 percent; c, 20-29 percent; and d, 30-50 percent. The variability for ton-miles has not been estimated.

PRODUCTION AREA 21

Consists of three Standard Metropolitan Statistical Areas: Houston, Tex.; Beaumont-Port Arthur-Orange, Tex.; and Galveston-Texas City, Tex.

SUMMARY

The estimates of tons and ton-miles are based on reports from a sample of shipments by approximately 193 manufacturing establishments located in this Production Area. The total tons and ton-miles represent the total inter-city shipments by essentially all manufacturing establishments in the area, except for plants with less than 20 employees. However, since the data are based on a sample, the estimates necessarily are subject to "sampling variability."

The approximate degree of sampling variability for tons for each commodity or commodity class is indicated in the last column of tables 1 to 4. In general, most of the commodity data in this report are subject to substantial sampling variability and should be treated as approximate rather than precise measures.

About 157.1 million tons of commodities were shipped by plants in this area to destinations beyond the local area. These shipments generated 173.3 billion ton-miles by all means of transport combined, and averaged about 1,104 straight-line miles per ton shipped.

About 87 percent of the total tons were petroleum products, nearly all of which moved by water. Rail and water carriers each handled roughly 37 percent of the balance of the traffic.

As shown in tables A, B, and C, petroleum and coal products, as a result of their large volume and unusual traffic pattern, have a marked influence on the distribution of shipments. Consequently, two totals are shown: (1) All commodities combined, and (2) the total exclusive of petroleum and coal products. The influence of these products is most evident in connection with shipments by water, as measured by both tons and ton-miles (see table A).

Comparisons between 1967 and 1963 data are presented in tables A through D. The 1967 survey is comparable with 1963, except for the exclusion from the survey, in 1967, of plants with less than 20 employees. Nationally, those plants accounted for only 4 percent of the total tons originated in the 1963 survey.

**Table A. PERCENT DISTRIBUTION OF SHIPMENTS
BY MEANS OF TRANSPORT**

Means of transport	All commodities		All commodities except petroleum and coal products	
	1967	1963	1967	1963
Tons of shipments.....millions..	157.1	194.5	20.1	26.1
Ton-miles.....billions..	173.3	218.3	11.4	23.1
TONS OF SHIPMENTS				
	Percent distribution			
All means of transport.....	100.0	100.0	100.0	100.0
Rail.....	6.4	4.0	36.4	22.5
Motor carrier.....	3.1	2.9	18.1	15.2
Private truck.....	1.3	.6	7.5	2.1
Air.....	-	-	-	-
Water.....	89.2	92.4	38.0	59.3
Other.....	-	.1	-	.9
TON-MILES				
All means of transport.....	100.0	100.0	100.0	100.0
Rail.....	3.6	1.9	40.4	13.8
Motor carrier.....	.8	.8	10.7	4.4
Private truck.....	.2	.1	3.0	.8
Air.....	-	-	-	-
Water.....	95.4	97.1	45.9	81.0
Other.....	-	.1	-	-

Note: Ton-miles are the product of weight times distance on a straight-line distance basis.

**Table B. AVERAGE LENGTH OF HAUL
BY MEANS OF TRANSPORT
(Straight-line miles)**

Means of transport	All commodities		All commodities except petroleum and coal products	
	1967	1963	1967	1963
All means of transport.....	1,104	1,122	569	886
Rail.....	621	534	632	542
Motor carrier.....	285	299	337	260
Private truck.....	170	237	232	347

Note: Average length of haul is based on straight-line miles from plant to customer or redistribution point, weighted by tonnage shipped (i.e., ton-miles divided by tons). Rail short-line and highway direct-route distances average about 24 and 21 percent, respectively, longer than straight-line distances.

**Table C. PERCENT DISTRIBUTION OF SHIPMENTS
BY DISTANCE OF SHIPMENT**

Means of transport	All commodities		All commodities except petroleum and coal products	
	1967	1963	1967	1963
TONS OF SHIPMENTS				
All distances.....	100.0	100.0	100.0	100.0
Under 100 miles.....	5.3	4.0	20.3	17.5
100 to 199 miles.....	4.1	2.1	13.6	7.3
200 to 299 miles.....	4.0	2.3	13.6	5.5
300 to 499 miles.....	3.2	4.7	7.3	2.8
500 to 999 miles.....	16.5	12.7	20.6	10.8
1,000 to 1,499 miles.....	47.8	62.8	18.5	55.0
1,500 miles and over.....	19.1	11.4	6.1	1.1

**Table D. PERCENT DISTRIBUTION OF SHIPMENTS
BY AREA OF DESTINATION**

Area of destination	1967	1963
Tons of shipments.....thousands..	157,071	194,537
Ton-miles.....millions..	173,338	218,342
TONS OF SHIPMENTS		
	Percent distribution	
All areas.....	100.0	100.0
Production Area 21 ¹	5.1	3.3
Other production areas.....	55.5	62.8
All other areas.....	39.4	33.9
TON-MILES		
All areas.....	100.0	100.0
Production Area 21 ¹.....	.2	.1
Other production areas.....	67.3	75.8
All other areas.....	32.5	24.1

¹Includes only those shipments that originated in one city in this area and terminated in another city in this area.

TABLE 1. Percent Distribution of Commodities, by Means of Transport: 1967

TCC code	Commodity	Number	Percent distribution by means of transport								Sampling variability code ¹
			All means of transport	Rail	Motor carrier	Private truck	Air	Water	Other	Unknown	
	TONS OF SHIPMENTS	(thousands of tons)									
	Production Area 21, total.....	157,071	100.0	6.4	3.1	1.3	-	89.2	-	-	-
20	Food and kindred products.....	1,746	100.0	50.1	23.6	23.6	-	2.7	-	-	c
28	Chemicals and allied products.....	14,678	100.0	36.8	12.4	5.1	-	45.2	0.5	-	a
281	Industrial chemicals.....	9,207	100.0	32.0	10.2	3.4	-	53.7	.7	-	b
2813	Industrial gases, compressed and liquefied.....	369	100.0	17.0	69.9	11.8	-	-	1.3	-	c
28139	Industrial gases, n.e.c.....	361	100.0	17.4	71.2	10.0	-	-	1.4	-	c
2814	Crude products from coal tar, petroleum, and natural gas, except asphalt, tar, and pitches.....	1,370	100.0	9.7	1.4	-	-	88.9	-	-	d
28141	Crude products from coal tar, petroleum, and natural gas, except asphalt, tar, and pitches.....	1,370	100.0	9.7	1.4	-	-	88.9	-	-	d
2818	Miscellaneous industrial organic chemicals.....	3,991	100.0	38.2	7.2	.4	-	52.7	1.5	-	b
28185	Glycols and glycerins.....	342	100.0	68.8	12.3	2.6	-	16.3	-	-	c
28189	Industrial organic chemicals, n.e.c.....	755	100.0	46.5	8.5	-	-	37.1	7.9	-	c
2819	Miscellaneous industrial inorganic chemicals.....	2,044	100.0	37.0	13.9	12.0	-	37.1	-	-	d
28198	Anhydrous ammonia.....	563	100.0	45.3	11.7	-	-	43.0	-	-	d
282	Plastic materials and plasticizers, synthetic resins, rubbers, and fibers.....	2,621	100.0	52.5	11.7	.9	-	34.7	.1	0.1	d
2821	Plastic materials and plasticizers, synthetic resins, rubbers, and fibers.....	2,621	100.0	52.5	11.7	.9	-	34.7	.1	.1	d
28211	Plastic materials and plasticizers, synthetic resins, and nonvulcanizable elastomers.....	1,922	100.0	42.0	9.9	.8	-	47.1	.1	.1	d
28212	Synthetic rubber.....	673	100.0	82.2	15.7	1.3	-	.8	-	-	a
285	Paints, varnishes, lacquers, enamels, and allied products.....	136	100.0	23.4	76.4	.2	-	-	-	-	d
2851	Paints, varnishes, lacquers, enamels, and allied products.....	136	100.0	23.4	76.4	.2	-	-	-	-	d
287	Agricultural chemicals.....	1,698	100.0	33.9	10.4	23.2	-	32.5	-	-	d
29	Petroleum and coal products.....	136,996	100.0	2.0	.9	.4	-	96.7	-	-	b
291	Products of petroleum refining.....	135,894	100.0	1.4	.9	.3	-	97.4	-	-	b
2911	Products of petroleum refining (except liquefied petroleum gases and petroleum coke and breeze).....	135,133	100.0	1.1	.8	.3	-	97.8	-	-	b
29111	Gasoline, jet fuels, and other high volatile petroleum fuels (except natural gasoline).....	41,518	100.0	.3	.5	.2	-	99.0	-	-	d
29112	Kerosene.....	994	100.0	.4	12.4	-	-	86.4	.8	-	c
29113	Distillate fuel oil.....	48,443	100.0	.2	.1	.1	-	99.6	-	-	c
29116	Petroleum asphalt, tar, and pitches (including coke-oven and coal tar)....	1,910	100.0	3.0	6.9	4.4	-	85.7	-	-	d
2912	Liquefied petroleum and coal gases.....	761	100.0	56.2	24.0	10.3	-	9.5	-	-	b
29121	Liquefied petroleum and coal gases.....	761	100.0	56.2	24.0	10.3	-	9.5	-	-	b
299	Miscellaneous petroleum and coal products.....	1,021	100.0	83.3	4.5	-	-	12.1	-	.1	c
2991	Miscellaneous petroleum and coal products.....	1,021	100.0	83.3	4.5	-	-	12.1	-	.1	c
29911	Coke and coal briquettes.....	456	100.0	90.0	-	-	-	10.0	-	-	c
32	Stone, clay, and glass products.....	567	100.0	22.3	70.1	7.4	-	.2	-	-	d

See footnote at end of table.

TABLE 1. Percent Distribution of Commodities, by Means of Transport: 1967--Continued

TCC code	Commodity	Number	Percent distribution by means of transport								Sampling variability code
			All means of transport	Rail	Motor carrier	Private truck	Air	Water	Other	Unknown	
	TONS OF SHIPMENTS--Continued	(thousands of tons)									
33	Primary metal products.....	1,571	100.0	28.5	23.1	2.5	-	45.9	-	-	d
333	Nonferrous metals primary smelter products (slab, ingot, pig, etc., and residues).....	160	100.0	26.1	37.5	14.5	-	21.9	-	-	d
34	Fabricated metal products.....	969	100.0	24.1	36.1	23.7	0.1	16.0	-	-	d
341	Metal cans.....	114	100.0	17.4	35.3	47.0	-	-	-	0.3	b
3411	Metal cans.....	114	100.0	17.4	35.3	47.0	-	-	-	.3	b
34111	Metal cans.....	114	100.0	17.4	35.3	47.0	-	-	-	.3	b
35	Machinery, except electrical.....	126	100.0	28.3	63.7	6.6	.7	.4	0.2	.1	d
353	Construction, mining, and materials handling machinery and equipment.....	70	100.0	17.2	69.8	11.1	.9	.7	.1	.2	b
3533	Oil field machinery and equipment.....	69	100.0	17.6	69.1	11.4	.9	.7	.1	.2	c
35331	Oil and gas field drilling and field production machinery and equipment.....	65	100.0	17.4	69.2	12.0	1.0	.3	.1	-	c
356	General industrial machinery and equipment.....	4	100.0	-	93.0	-	3.5	.3	2.7	.5	d
	TON-MILES OF SHIPMENTS	(millions of ton-miles)									
	Production Area 21, total.....	173,338	100.0	3.6	.8	.2	-	95.4	-	-	-
20	Food and kindred products.....	722	100.0	41.9	35.5	13.1	-	9.5	-	-	-
28	Chemicals and allied products.....	9,344	100.0	41.4	6.2	1.2	-	51.1	.1	-	-
281	Industrial chemicals.....	5,047	100.0	39.2	3.8	.6	-	56.3	.1	-	-
2813	Industrial gases, compressed and liquefied.....	60	100.0	64.3	21.1	14.3	-	-	.3	-	-
28139	Industrial gases, n.e.c.....	59	100.0	65.4	21.5	12.8	-	-	.3	-	-
2814	Crude products from coal tar, petroleum, and natural gas, except asphalt, tar, and pitches.....	433	100.0	13.3	1.1	-	-	85.6	-	-	-
28141	Crude products from coal tar, petroleum, and natural gas, except asphalt, tar, and pitches.....	433	100.0	13.3	1.1	-	-	85.6	-	-	-
2818	Miscellaneous industrial organic chemicals.....	3,605	100.0	39.9	3.1	.2	-	56.7	.1	-	-
28185	Glycols and glycerins.....	315	100.0	73.8	5.2	1.5	-	19.5	-	-	-
28189	Industrial organic chemicals, n.e.c.....	529	100.0	59.0	8.0	-	-	32.4	.6	-	-
2819	Miscellaneous industrial inorganic chemicals.....	425	100.0	62.3	9.7	3.0	-	25.0	-	-	-
28198	Anhydrous ammonia.....	221	100.0	51.7	7.0	-	-	41.3	-	-	-
282	Plastic materials and plasticizers, synthetic resins, rubbers, and fibers.....	2,828	100.0	44.6	6.7	.6	-	47.9	.1	.1	-
2821	Plastic materials and plasticizers, synthetic resins, rubbers, and fibers.....	2,828	100.0	44.6	6.7	.6	-	47.9	.1	.1	-
28211	Plastic materials and plasticizers, synthetic resins, and nonvulcanizable elastomers.....	2,310	100.0	35.0	6.0	.4	-	58.4	.1	.1	-
28212	Synthetic rubber.....	492	100.0	88.0	8.8	1.6	-	1.6	-	-	-
285	Paints, varnishes, lacquers, enamels, and allied products.....	56	100.0	57.7	42.3	-	-	-	-	-	-
2851	Paints, varnishes, lacquers, enamels, and allied products.....	56	100.0	57.7	42.3	-	-	-	-	-	-
287	Agricultural chemicals.....	740	100.0	27.6	5.6	8.5	-	58.3	-	-	-
29	Petroleum and coal products.....	161,910	100.0	1.0	.1	-	-	98.9	-	-	-
291	Products of petroleum refining.....	161,400	100.0	.8	.1	-	-	99.1	-	-	-

See footnote at end of table.

TABLE 1. Percent Distribution of Commodities, by Means of Transport: 1967--Continued

TCC code	Commodity	Number	Percent distribution by means of transport								Sampling variability code ¹
			All means of transport	Rail	Motor carrier	Private truck	Air	Water	Other	Unknown	
	TON-MILES OF SHIPMENTS--Continued	(millions of ton-miles)									
2911	Products of petroleum refining (except liquefied petroleum gases and petroleum coke and breeze).....	161,138	100.0	0.6	0.1	-	-	99.3	-	-	-
29111	Gasoline, jet fuels, and other high volatile petroleum fuels (except natural gasoline).....	161,138	100.0	.6	.1	-	-	99.3	-	-	-
29112	Kerosene.....	46,346	100.0	.1	-	-	-	99.9	-	-	-
29113	Distillate fuel oil.....	723	100.0	-	.7	-	-	98.2	1.1	-	-
29116	Petroleum asphalt, tar, and pitches (including coke-oven and coal tar)....	66,512	100.0	-	-	-	-	100.0	-	-	-
2912	Liquefied petroleum and coal gases.....	1,068	100.0	3.1	2.1	0.9	-	93.9	-	-	-
29121	Liquefied petroleum and coal gases.....	263	100.0	88.9	5.8	2.0	-	3.3	-	-	-
29121	Liquefied petroleum and coal gases.....	263	100.0	88.9	5.8	2.0	-	3.3	-	-	-
299	Miscellaneous petroleum and coal products.....	495	100.0	73.3	1.9	-	-	24.7	-	0.1	-
2991	Miscellaneous petroleum and coal products.....	495	100.0	73.3	1.9	-	-	24.7	-	.1	-
29911	Coke and coal briquettes.....	113	100.0	82.6	-	-	-	17.4	-	-	-
32	Stone, clay, and glass products.....	174	100.0	50.4	42.8	5.7	-	1.1	-	-	-
33	Primary metal products.....	590	100.0	40.0	19.8	1.7	-	38.5	-	-	-
333	Nonferrous metals primary smelter products (slab, ingot, pig, etc., and residues).....	133	100.0	32.7	23.0	4.2	-	40.1	-	-	-
34	Fabricated metal products.....	329	100.0	36.0	36.7	11.7	0.5	14.9	.1	.1	-
341	Metal cans.....	35	100.0	38.0	22.1	39.4	-	-	-	.5	-
3411	Metal cans.....	35	100.0	38.0	22.1	39.4	-	-	-	.5	-
34111	Metal cans.....	35	100.0	38.0	22.1	39.4	-	-	-	.5	-
35	Machinery, except electrical.....	96	100.0	53.8	43.0	1.7	1.0	.3	.1	.1	-
353	Construction, mining, and materials handling machinery and equipment.....	52	100.0	38.1	57.0	3.0	1.3	.5	-	.1	-
3533	Oil field machinery and equipment.....	51	100.0	38.7	56.2	3.1	1.3	.6	-	.1	-
35331	Oil and gas field drilling and field production machinery and equipment....	50	100.0	38.5	56.6	3.2	1.3	.4	-	-	-
356	General industrial machinery and equipment.....	2	100.0	-	86.1	-	9.1	2.3	1.9	.6	-

¹Code letter indicates a sampling variability range as follows: a, 0-9 percent; b, 10-19 percent; c, 20-29 percent; and d, 30-50 percent. The variability for ton-miles has not been estimated.

TABLE 2. Percent Distribution of Commodities, by Distance of Shipment: 1967

TCC code	Commodity	Number	Percent distribution by distance of shipment								Sampling variability code ¹
			All distances	Under 100 miles	100 to 199 miles	200 to 299 miles	300 to 499 miles	500 to 999 miles	1,000 to 1,499 miles	1,500 miles or over	
	TONS OF SHIPMENTS	(thousands of tons)									
	Production Area 21, total.....	157,071	100.0	5.3	4.1	4.0	3.2	16.5	47.8	19.1	-
20	Food and kindred products.....	1,746	100.0	12.1	19.0	31.8	13.7	11.9	9.1	2.4	c
28	Chemicals and allied products.....	14,678	100.0	23.1	12.7	6.1	5.1	23.4	22.1	7.5	a
281	Industrial chemicals.....	9,207	100.0	28.2	16.1	6.0	3.9	20.3	23.7	1.8	b
2813	Industrial gases, compressed and liquefied.....	369	100.0	74.9	5.7	4.4	3.1	11.9	-	-	c
28139	Industrial gases, n.e.c.....	361	100.0	75.7	4.6	4.4	3.1	12.2	-	-	c
2814	Crude products from coal tar, petroleum, and natural gas, except asphalt, tar, and pitches.....	1,370	100.0	28.4	27.5	8.0	4.6	28.9	2.6	-	d
28141	Crude products from coal tar, petroleum, and natural gas, except asphalt, tar, and pitches.....	1,370	100.0	28.4	27.5	8.0	4.6	28.9	2.6	-	d
2818	Miscellaneous industrial organic chemicals.....	3,991	100.0	8.9	9.9	3.8	4.0	18.8	52.2	2.4	b
28185	Glycols and glycerins.....	342	100.0	8.9	5.7	3.6	.9	23.7	53.1	4.1	c
28189	Industrial organic chemicals, n.e.c.....	755	100.0	17.0	1.5	1.4	4.9	50.8	13.7	10.7	c
2819	Miscellaneous industrial inorganic chemicals.....	2,044	100.0	63.4	12.4	5.1	2.6	13.1	.9	2.5	d
28198	Anhydrous ammonia.....	563	100.0	29.5	14.5	5.3	6.4	44.3	-	-	d
282	Plastic materials and plasticizers, synthetic resins, rubbers, and fibers.	2,621	100.0	7.9	1.1	2.8	3.6	20.7	28.6	35.3	d
2821	Plastic materials and plasticizers, synthetic resins, rubbers, and fibers.	2,621	100.0	7.9	1.1	2.8	3.6	20.7	28.6	35.3	d
28211	Plastic materials and plasticizers, synthetic resins, and nonvulcanizable elastomers.....	1,922	100.0	4.3	1.5	2.2	2.7	17.7	24.3	47.3	d
28212	Synthetic rubber.....	673	100.0	17.6	.1	4.7	6.2	29.3	40.2	1.9	a
285	Paints, varnishes, lacquers, enamels, and allied products.....	136	100.0	20.1	18.5	26.1	10.5	6.7	15.2	2.9	d
2851	Paints, varnishes, lacquers, enamels, and allied products.....	136	100.0	20.1	18.5	26.1	10.5	6.7	15.2	2.9	d
287	Agricultural chemicals.....	1,698	100.0	21.9	18.2	8.1	11.9	34.0	5.9	-	d
29	Petroleum and coal products.....	136,996	100.0	3.1	2.7	2.6	2.6	15.9	52.1	21.0	b
291	Products of petroleum refining.....	135,894	100.0	2.9	2.6	2.5	2.6	15.9	52.4	21.1	b
2911	Products of petroleum refining (except liquefied petroleum gases and petroleum coke and breeze).....	135,133	100.0	2.7	2.5	2.5	2.6	15.8	52.7	21.2	b
29111	Gasoline, jet fuels, and other high volatile petroleum fuels (except natural gasoline).....	41,518	100.0	2.7	4.5	6.5	4.8	16.8	38.2	26.5	d
29112	Kerosene.....	994	100.0	17.3	1.0	5.2	1.9	60.4	10.4	3.8	c
29113	Distillate fuel oil.....	48,443	100.0	.5	1.6	.2	.2	4.2	75.6	17.7	c
29116	Petroleum asphalt, tar, and pitches (including coke-oven and coal tar).....	1,910	100.0	10.5	6.7	1.6	19.3	51.8	10.1	-	d
2912	Liquefied petroleum and coal gases.....	761	100.0	38.1	23.8	9.1	.1	18.3	10.1	.5	b
29121	Liquefied petroleum and coal gases.....	761	100.0	38.1	23.8	9.1	.1	18.3	10.1	.5	b
299	Miscellaneous petroleum and coal products.....	1,021	100.0	25.7	14.4	10.5	3.6	28.4	16.5	.9	c
2991	Miscellaneous petroleum and coal products.....	1,021	100.0	25.7	14.4	10.5	3.6	28.4	16.5	.9	c
29911	Coke and coal briquettes.....	456	100.0	29.8	27.5	-	.4	41.3	1.0	-	c
32	Stone, clay, and glass products.....	567	100.0	36.3	22.6	12.0	9.9	10.0	7.5	1.7	d

See footnote at end of table.

TABLE 2. Percent Distribution of Commodities, by Distance of Shipment: 1967--Continued

TCC code	Commodity	Number	Percent distribution by distance of shipment								Sampling variability code ¹
			All distances	Under 100 miles	100 to 199 miles	200 to 299 miles	300 to 499 miles	500 to 999 miles	1,000 to 1,499 miles	1,500 miles or over	
	TONS OF SHIPMENTS--Continued	(thousands of tons)									
33	Primary metal products.....	1,571	100.0	3.3	6.4	57.9	13.4	13.6	2.8	2.6	d
333	Nonferrous metals primary smelter products (slab, ingot, pig, etc., and residues).....	160	100.0	9.5	13.1	13.2	6.2	11.2	22.2	24.6	d
34	Fabricated metal products.....	969	100.0	15.7	25.0	21.2	19.8	13.7	3.6	1.0	d
341	Metal cans.....	114	100.0	16.5	34.8	19.0	16.0	6.8	5.2	1.7	b
3411	Metal cans.....	114	100.0	16.5	34.8	19.0	16.0	6.8	5.2	1.7	b
34111	Metal cans.....	114	100.0	16.5	34.8	19.0	16.0	6.8	5.2	1.7	b
35	Machinery, except electrical.....	126	100.0	8.6	10.4	21.7	15.9	7.3	18.5	17.6	d
353	Construction, mining, and materials handling machinery and equipment.....	70	100.0	9.7	9.4	26.7	13.0	9.8	18.4	13.0	b
3533	Oil field machinery and equipment.....	69	100.0	9.2	9.5	27.0	13.1	9.7	18.2	13.3	c
35331	Oil and gas field drilling and field production machinery and equipment....	65	100.0	8.7	8.9	27.9	12.7	9.0	18.8	14.0	c
356	General industrial machinery and equipment.....	4	100.0	10.8	14.6	13.7	12.9	32.2	11.5	4.3	d
	TON-MILES OF SHIPMENTS	(millions of ton-miles)									
	Production Area 21, total.....	173,338	100.0	.2	.6	.9	1.1	11.6	58.8	26.8	-
20	Food and kindred products.....	722	100.0	1.4	7.4	18.2	12.6	22.1	28.8	9.5	-
28	Chemicals and allied products.....	9,344	100.0	1.7	2.9	2.5	3.0	27.0	44.5	18.4	-
281	Industrial chemicals.....	5,047	100.0	2.5	4.0	2.9	2.6	26.0	56.5	5.5	-
2813	Industrial gases, compressed and liquefied.....	60	100.0	20.9	4.7	7.3	6.7	60.4	-	-	-
28139	Industrial gases, n.e.c.....	59	100.0	20.9	3.5	7.3	6.8	61.5	-	-	-
2814	Crude products from coal tar, petroleum, and natural gas, except asphalt, tar, and pitches.....	433	100.0	7.0	9.7	6.6	4.5	62.2	10.0	-	-
28141	Crude products from coal tar, petroleum, and natural gas, except asphalt, tar, and pitches.....	433	100.0	7.0	9.7	6.6	4.5	62.2	10.0	-	-
2818	Miscellaneous industrial organic chemicals.....	3,605	100.0	.4	1.9	1.0	1.8	14.4	76.1	4.4	-
28185	Glycols and glycerins.....	315	100.0	.7	.9	.9	.3	20.9	68.2	8.1	-
28189	Industrial organic chemicals, n.e.c....	529	100.0	1.1	.4	.5	2.5	46.3	24.3	24.9	-
2819	Miscellaneous industrial inorganic chemicals.....	425	100.0	10.7	8.4	6.3	4.3	44.5	5.8	20.0	-
28198	Anhydrous ammonia.....	221	100.0	4.5	6.7	3.6	4.9	80.3	-	-	-
282	Plastic materials and plasticizers, synthetic resins, rubbers, and fibers.	2,828	100.0	.2	.1	.7	1.4	14.8	32.5	50.3	-
2821	Plastic materials and plasticizers, synthetic resins, rubbers, and fibers.	2,828	100.0	.2	.1	.7	1.4	14.8	32.5	50.3	-
28211	Plastic materials and plasticizers, synthetic resins, and nonvulcanizable elastomers.....	2,310	100.0	.1	.2	.5	.9	12.0	25.7	60.6	-
28212	Synthetic rubber.....	492	100.0	.5	-	1.6	3.6	27.7	62.2	4.4	-
285	Paints, varnishes, lacquers, enamels, and allied products.....	56	100.0	2.8	7.2	15.6	9.0	11.8	41.9	11.7	-
2851	Paints, varnishes, lacquers, enamels, and allied products.....	56	100.0	2.8	7.2	15.6	9.0	11.8	41.9	11.7	-
287	Agricultural chemicals.....	740	100.0	2.7	6.9	4.5	10.3	60.5	15.1	-	-
29	Petroleum and coal products.....	161,910	100.0	.1	.4	.6	.9	10.5	60.0	27.5	-
291	Products of petroleum refining.....	161,400	100.0	.1	.4	.5	.9	10.5	60.0	27.6	-

See footnote at end of table.

TABLE 2. Percent Distribution of Commodities, by Distance of Shipment: 1967--Continued

TCC code	Commodity	Number	Percent distribution by distance of shipment								Sampling variability code ¹
			All distances	Under 100 miles	100 to 199 miles	200 to 299 miles	300 to 499 miles	500 to 999 miles	1,000 to 1,499 miles	1,500 miles or over	
	TON-MILES OF SHIPMENTS--Continued	(millions of ton-miles)									
2911	Products of petroleum refining (except liquefied petroleum gases and petroleum coke and breeze).....	161,138	100.0	0.1	0.4	0.5	0.9	10.4	60.0	27.7	-
29111	Gasoline, jet fuels, and other high volatile petroleum fuels (except natural gasoline).....	46,346	100.0	.1	.7	1.5	1.6	11.6	47.5	37.0	-
29112	Kerosene.....	723	100.0	1.1	.2	2.1	1.0	69.6	17.9	8.1	-
29113	Distillate fuel oil.....	66,512	100.0	-	.2	-	-	2.5	76.8	20.5	-
29116	Petroleum asphalt, tar, and pitches (including coke-oven and coal tar)....	1,068	100.0	.4	2.0	.7	16.6	60.7	19.6	-	-
2912	Liquefied petroleum and coal gases.....	263	100.0	6.6	9.0	6.7	.1	40.5	34.6	2.5	-
29121	Liquefied petroleum and coal gases.....	263	100.0	6.6	9.0	6.7	.1	40.5	34.6	2.5	-
299	Miscellaneous petroleum and coal products.....	495	100.0	2.0	5.5	6.0	3.1	35.5	44.5	3.4	-
2991	Miscellaneous petroleum and coal products.....	495	100.0	2.0	5.5	6.0	3.1	35.5	44.5	3.4	-
29911	Coke and coal briquettes.....	133	100.0	2.1	17.4	-	.6	74.9	5.0	-	-
32	Stone, clay, and glass products.....	174	100.0	6.8	9.9	9.3	12.9	25.0	27.1	9.0	-
33	Primary metal products.....	590	100.0	.6	2.9	38.0	14.0	24.4	8.8	11.3	-
333	Nonferrous metals primary smelter products (slab, ingot, pig, etc., and residues).....	133	100.0	.7	2.6	3.6	2.8	10.1	31.3	48.9	-
34	Fabricated metal products.....	329	100.0	2.4	12.2	15.3	22.9	29.0	13.2	5.0	-
341	Metal cans.....	35	100.0	2.3	19.9	15.5	16.6	15.7	21.7	8.3	-
3411	Metal cans.....	35	100.0	2.3	19.9	15.5	16.6	15.7	21.7	8.3	-
34111	Metal cans.....	35	100.0	2.3	19.9	15.5	16.6	15.7	21.7	8.3	-
35	Machinery, except electrical.....	96	100.0	.7	2.2	6.9	7.8	6.7	31.6	44.1	-
353	Construction, mining, and materials handling machinery and equipment.....	52	100.0	.8	1.9	8.4	6.6	9.1	32.6	40.6	-
3533	Oil field machinery and equipment.....	51	100.0	.8	1.9	8.5	6.6	8.8	32.3	41.1	-
35331	Oil and gas field drilling and field production machinery and equipment....	50	100.0	.7	1.7	8.5	6.3	7.8	32.5	42.5	-
356	General industrial machinery and equipment.....	2	100.0	1.1	4.8	6.1	9.8	37.4	27.1	13.7	-

¹Code letter indicates a sampling variability range as follows: a, 0-9 percent; b, 10-19 percent; c, 20-29 percent; and d, 30-50 percent. The variability for ton-miles has not been estimated.

TABLE 3. Percent Distribution of Commodities, by Geographic Division of Destination: 1967

TCC code	Commodity	Number	Percent distribution by geographic division ¹ of destination										Sampling variability code ³
			All means of transport	New England	Middle Atlantic	East North Central	West North Central	South Atlantic	East South Central	West South Central	Mountain	Pacific ²	
	TONS OF SHIPMENTS	(thous. of tons)											
	Production Area 21, total.....	157,071	100.0	27.6	31.7	2.5	2.4	14.0	2.5	15.4	0.2	3.7	-
20	Food and kindred products.....	1,746	100.0	.8	4.5	2.8	3.1	4.0	1.1	78.4	2.2	3.1	c
28	Chemicals and allied products.....	14,678	100.0	6.6	13.2	8.5	7.7	5.6	9.7	45.5	1.0	2.2	a
29	Petroleum and coal products.....	136,996	100.0	30.9	34.7	1.8	1.8	15.3	1.7	9.8	.1	3.9	b
32	Stone, clay, and glass products.....	567	100.0	-	.8	7.7	3.7	1.2	1.7	81.3	1.9	1.7	d
33	Primary metal products.....	1,571	100.0	1.9	.6	6.0	4.3	2.0	2.4	81.4	.5	.9	d
34	Fabricated metal products.....	969	100.0	.4	2.0	3.2	1.1	2.5	19.5	70.1	.6	.6	d
35	Machinery except electrical.....	126	100.0	7.1	7.1	3.9	2.1	.5	2.4	56.8	3.1	17.0	d
	TON-MILES OF SHIPMENTS	(millions of ton-miles)											
	Production Area 21, total.....	173,338	100.0	38.0	38.6	2.0	1.5	10.9	1.4	2.5	.2	4.9	-
20	Food and kindred products.....	722	100.0	3.1	15.1	6.6	6.4	9.0	1.3	42.8	4.3	11.4	-
28	Chemicals and allied products.....	9,344	100.0	15.9	28.2	12.3	9.2	8.8	9.4	9.2	1.7	5.3	-
29	Petroleum and coal products.....	161,910	100.0	39.7	39.6	1.3	1.0	11.1	.9	1.5	-	4.9	-
32	Stone, clay, and glass products.....	174	100.0	-	3.5	25.2	8.9	3.4	3.6	40.2	6.1	9.1	-
33	Primary metal products.....	590	100.0	7.8	2.1	12.5	7.5	4.8	3.1	57.0	.8	4.4	-
34	Fabricated metal products.....	329	100.0	1.6	7.6	8.6	2.6	6.4	26.6	41.4	2.0	3.2	-
35	Machinery, except electrical.....	96	100.0	15.2	12.4	4.8	2.3	.5	1.4	18.2	4.4	40.8	-

¹States included in the geographic divisions are as follows: NEW ENGLAND--Maine, New Hampshire, Vermont, Massachusetts, Rhode Island, and Connecticut; MIDDLE ATLANTIC--New York, New Jersey, and Pennsylvania; EAST NORTH CENTRAL--Ohio, Indiana, Illinois, Michigan, and Wisconsin; WEST NORTH CENTRAL--Minnesota, Iowa, Missouri, North Dakota, South Dakota, Nebraska, and Kansas; SOUTH ATLANTIC--Delaware, Maryland, District of Columbia, Virginia, West Virginia, North Carolina, South Carolina, Georgia, and Florida; EAST SOUTH CENTRAL--Kentucky, Tennessee, Alabama, and Mississippi; WEST SOUTH CENTRAL--Arkansas, Louisiana, Oklahoma, and Texas; MOUNTAIN--Montana, Idaho, Wyoming, Colorado, New Mexico, Arizona, Utah, and Nevada; PACIFIC--Washington, Oregon, California, Alaska, and Hawaii.

²Shipments to Alaska and Hawaii from the 48 conterminous States and the District of Columbia are included; no data were obtained for shipments originating in Alaska and Hawaii.

³Code letter indicates a sampling variability range as follows: a, 0-9 percent; b, 10-19 percent; c, 20-29 percent; and d, 30-50 percent. The variability for ton-miles has not been estimated.

TABLE 4. Percent Distribution of Commodities, by Production Area of Destination: 1967

TCC code	Commodity	Number	Percent distribution by production area ¹ of destination							
			Total	1 (BOST)	2 (HART)	3 (NYNY)	4 (N. NJ)	5 (PHIL)	6 (BALT)	7 (ALLN)
	TONS OF SHIPMENTS	(thousands of tons)								
	Production Area 21, total.....	157,071	100.0	8.0	8.2	9.8	9.2	11.4	0.1	-
20	Food and kindred products.....	1,746	100.0	.5	.4	1.4	1.6	-	.3	-
28	Chemicals and allied products.....	14,678	100.0	.2	.3	.1	5.2	6.4	.5	0.2
281	Industrial chemicals.....	9,207	100.0	.1	.3	-	7.1	9.2	.4	-
2813	Industrial gases, compressed and liquefied.....	369	100.0	-	-	-	-	-	-	-
28139	Industrial gases, n.e.c.....	361	100.0	-	-	-	-	-	-	-
2814	Crude products from coal tar, petroleum, and natural gas, except asphalt, tar, and pitches.....	1,370	100.0	-	-	-	.2	-	2.2	-
28141	Crude products from coal tar, petroleum, and natural gas, except asphalt, tar, and pitches.....	1,370	100.0	-	-	-	.2	-	2.2	-
2818	Miscellaneous industrial organic chemicals.....	3,991	100.0	-	.6	.1	16.3	21.1	.3	-
28185	Glycols and glycerins.....	342	100.0	-	-	-	8.2	-	-	-
28189	Industrial organic chemicals, n.e.c....	755	100.0	-	3.0	.5	.4	2.9	-	-
2819	Miscellaneous industrial inorganic chemicals.....	2,044	100.0	-	-	-	-	.1	-	-
28198	Anhydrous ammonia.....	563	100.0	-	-	-	-	-	-	-
282	Plastic materials and plasticizers, synthetic resins, rubbers, and fibers.	2,621	100.0	.8	.4	.4	3.7	2.7	.5	.1
2821	Plastic materials and plasticizers, synthetic resins, rubbers, and fibers.	2,621	100.0	.8	.4	.4	3.7	2.7	.5	.1
28211	Plastic materials and plasticizers, synthetic resins, and nonvulcanizable elastomers.....	1,922	100.0	.7	.2	.3	4.6	3.3	.7	.2
28212	Synthetic rubber.....	673	100.0	1.2	1.0	-	.6	.9	-	-
285	Paints, varnishes, lacquers, enamels, and allied products.....	136	100.0	-	-	-	-	-	-	-
2851	Paints, varnishes, lacquers, enamels, and allied products.....	136	100.0	-	-	-	-	-	-	-
287	Agricultural chemicals.....	1,698	100.0	-	-	-	.3	.2	-	-
29	Petroleum and coal products.....	136,996	100.0	9.1	9.4	11.2	9.9	12.4	-	-
291	Products of petroleum refining.....	135,894	100.0	9.2	9.5	11.3	10.0	12.5	-	-
2911	Products of petroleum refining (except liquefied petroleum gases and petroleum coke and breeze).....	135,133	100.0	9.2	9.5	11.3	10.1	12.5	-	-
29111	Gasoline, jet fuels, and other high volatile petroleum fuels (except natural gasoline).....	41,518	100.0	14.1	1.1	.1	22.0	.3	-	-
29112	Kerosene.....	994	100.0	2.7	.8	-	1.7	5.1	-	-
29113	Distillate fuel oil.....	48,443	100.0	2.1	25.3	31.4	.4	15.0	-	-
29116	Petroleum asphalt, tar, and pitches (including coke-oven and coal tar)....	1,910	100.0	-	-	-	-	-	-	-
2912	Liquefied petroleum and coal gases.....	761	100.0	-	2.7	-	.5	.4	-	-
29121	Liquefied petroleum and coal gases.....	761	100.0	-	2.7	-	.5	.4	-	-
299	Miscellaneous petroleum and coal products.....	1,021	100.0	-	-	-	-	7.7	-	-
2991	Miscellaneous petroleum and coal products.....	1,021	100.0	-	-	-	-	7.7	-	-
29911	Coke and coal briquettes.....	456	100.0	-	-	-	-	-	-	-
32	Stone, clay, and glass products.....	567	100.0	-	-	.3	-	-	-	-

See footnotes at end of table.

TABLE 4. Percent Distribution of Commodities, by Production Area of Destination: 1967--Continued

TCC code	Commodity	Percent distribution by production area ¹ of destination--Continued									
		8 (HARR)	9 (SYRA)	10 (BUFF)	11 (CLEV)	12 (PITT)	13 (DETR)	14 (CINC)	15 (CHIC)	16 (MILW)	17 (M-SP)
	TONS OF SHIPMENTS										
	Production Area 21, total.....	-	0.3	0.1	0.2	0.4	0.1	0.2	1.0	-	0.1
20	Food and kindred products.....	-	-	.7	.4	.1	.2	-	1.7	-	1.2
28	Chemicals and allied products.....	-	-	.3	.9	.6	.5	.5	1.0	-	.1
281	Industrial chemicals.....	-	-	.1	-	.6	.5	.2	.6	-	.2
2813	Industrial gases, compressed and liquefied.....	-	-	-	-	-	-	4.2	-	-	-
28139	Industrial gases, n.e.c.....	-	-	-	-	-	-	4.3	-	-	-
2814	Crude products from coal tar, petroleum, and natural gas, except asphalt, tar, and pitches.....	-	-	-	-	-	-	.1	1.2	-	-
28141	Crude products from coal tar, petroleum, and natural gas, except asphalt, tar, and pitches.....	-	-	-	-	-	-	.1	1.2	-	-
2818	Miscellaneous industrial organic chemicals.....	-	-	.1	-	1.3	1.0	.1	1.0	-	.5
28185	Glycols and glycerins.....	-	-	-	.5	14.5	.1	-	4.8	0.4	-
28189	Industrial organic chemicals, n.e.c....	-	-	.6	-	.2	2.1	-	.8	-	-
2819	Miscellaneous industrial inorganic chemicals.....	-	-	-	-	-	-	-	-	-	-
28198	Anhydrous ammonia.....	-	-	-	-	-	-	-	-	-	-
282	Plastic materials and plasticizers, synthetic resins, rubbers, and fibers.	0.1	-	.9	4.4	.2	1.0	.8	3.2	-	-
2821	Plastic materials and plasticizers, synthetic resins, rubbers, and fibers.	.1	-	.9	4.4	.2	1.0	.8	3.2	-	-
28211	Plastic materials and plasticizers, synthetic resins, and nonvulcanizable elastomers.....	-	.1	1.2	1.1	.2	.4	.9	3.2	-	-
28212	Synthetic rubber.....	.1	-	.2	13.8	-	2.8	.4	2.7	-	-
285	Paints, varnishes, lacquers, enamels, and allied products.....	-	-	1.9	6.0	6.1	-	-	-	-	-
2851	Paints, varnishes, lacquers, enamels, and allied products.....	-	-	1.9	6.0	6.1	-	-	-	-	-
287	Agricultural chemicals.....	-	-	-	-	-	.1	-	-	-	-
29	Petroleum and coal products.....	-	.4	.1	.1	.3	-	.2	.9	-	-
291	Products of petroleum refining.....	-	.4	.1	.1	.3	-	.2	.9	-	-
2911	Products of petroleum refining (except liquefied petroleum gases and petroleum coke and breeze).....	-	.4	.1	.1	.3	-	.2	.9	-	-
29111	Gasoline, jet fuels, and other high volatile petroleum fuels (except natural gasoline).....	-	.4	-	-	.2	-	.1	.2	-	-
29112	Kerosene.....	-	-	-	-	-	-	-	-	-	-
29113	Distillate fuel oil.....	-	.6	-	-	-	-	-	.4	-	-
29116	Petroleum asphalt, tar, and pitches (including coke-oven and coal tar)....	-	-	-	-	3.8	-	-	.2	.7	-
2912	Liquefied petroleum and coal gases.....	-	-	-	4.2	-	-	-	.9	-	-
29121	Liquefied petroleum and coal gases.....	-	-	-	4.2	-	-	-	.9	-	-
299	Miscellaneous petroleum and coal products.....	-	-	-	-	-	.2	.2	2.7	-	-
2991	Miscellaneous petroleum and coal products.....	-	-	-	-	-	.2	.2	2.7	-	-
29911	Coke and coal briquettes.....	-	-	-	-	-	-	-	1.4	-	-
32	Stone, clay and glass products.....	-	.4	-	.1	.1	-	-	.4	-	.4

See footnotes at end of table.

TABLE 4. Percent Distribution of Commodities, by Production Area of Destination: 1967--Continued

TCC code	Commodity	Percent distribution by production area ¹ of destination--Continued									Sampling variability code ³
		18 (STLO)	19 (ATLA)	20 (DALL)	21 ² (HOUS)	22 (DENV)	23 (SETL)	24 (SANF)	25 (LOSA)	All other	
	TONS OF SHIPMENTS										
	Production Area 21, total.....	2.2	-	0.6	5.1	0.1	-	0.1	3.5	39.3	-
20	Food and kindred products.....	.2	0.3	21.2	11.6	1.0	0.3	1.1	1.6	54.2	c
28	Chemicals and allied products.....	4.1	.2	1.3	23.5	.4	.1	.6	1.1	51.9	a
281	Industrial chemicals.....	4.2	.1	1.0	30.1	.4	.1	.7	.6	43.5	b
2813	Industrial gases, compressed and liquefied.....	-	-	1.2	74.4	-	-	-	-	20.2	c
28139	Industrial gases, n.e.c.....	-	-	1.2	75.4	-	-	-	-	19.1	c
2814	Crude products from coal tar, petroleum, and natural gas, except asphalt, tar, and pitches.....	.1	-	.3	54.7	-	-	-	.1	41.1	d
28141	Crude products from coal tar, petroleum, and natural gas, except asphalt, tar, and pitches.....	.1	-	.3	54.7	-	-	-	.1	41.1	d
2818	Miscellaneous industrial organic chemicals.....	1.2	.1	.3		.6	.2	.8	.8	44.5	b
28185	Glycols and glycerins.....	4.1	-	.2	11.0	-	2.6	.6	6.4	46.6	c
28189	Industrial organic chemicals, n.e.c.....	.4	-	1.0	17.0	.4	.1	3.9	1.1	65.6	c
2819	Miscellaneous industrial inorganic chemicals.....	-	.1	1.3	63.4	-	-	1.5	.6	33.0	d
28198	Anhydrous ammonia.....	-	-	-	24.0	-	-	-	-	76.0	d
282	Plastic materials and plasticizers, synthetic resins, rubbers, and fibers.	.6	.4	.2	8.2	-	-	.7	3.4	67.3	d
2821	Plastic materials and plasticizers, synthetic resins, rubbers, and fibers.	.6	.4	.2	8.2	-	-	.7	3.4	67.3	d
28211	Plastic materials and plasticizers, synthetic resins, and nonvulcanizable elastomers.....	.6	.3	.3	4.8	-	-	.9	3.6	72.4	d
28212	Synthetic rubber.....	.6	.6	-	17.6	.1	-	-	2.5	54.9	a
285	Paints, varnishes, lacquers, enamels, and allied products.....	-	-	9.5	16.5	-	.1	2.5	.2	57.2	d
2851	Paints, varnishes, lacquers, enamels, and allied products.....	-	-	9.5	16.5	-	.1	2.5	.2	57.2	d
287	Agricultural chemicals.....	8.3	-	2.0	14.8	.9	-	-	.3	73.1	d
29	Petroleum and coal products.....	2.0	-	-	2.9	-	-	-	3.8	37.3	b
291	Products of petroleum refining.....	2.0	-	-	2.7	-	-	-	3.8	37.0	b
2911	Products of petroleum refining (except liquefied petroleum gases and petroleum coke and breeze).....	2.1	-	-	2.5	-	-	-	3.8	37.0	b
29111	Gasoline, jet fuels, and other high volatile petroleum fuels (except natural gasoline).....	1.1	-	-	2.6	-	-	-	12.4	45.4	d
29112	Kerosene.....	-	-	-	5.9	-	-	1.0	-	82.8	c
29113	Distillate fuel oil.....	-	-	-	.5	-	-	-	-	24.3	c
29116	Petroleum asphalt, tar, and pitches (including coke-oven and coal tar)....	-	-	-	10.3	-	-	-	-	85.0	d
2912	Liquefied petroleum and coal gases.....	.2	-	-	35.7	-	-	-	-	55.4	b
29121	Liquefied petroleum and coal gases.....	.2	-	-	35.7	-	-	-	-	55.4	b
299	Miscellaneous petroleum and coal products.....	1.1	-	-	23.0	.1	-	-	6.2	58.8	c
2991	Miscellaneous petroleum and coal products.....	1.1	-	-	23.0	.1	-	-	6.2	58.8	c
29911	Coke and coal briquettes.....	-	-	-	29.8	-	-	-	1.0	67.8	c
32	Stone, clay, and glass products.....	.4	.3	8.2	21.7	.5	-	1.2	-	66.0	d

See footnotes at end of table.

TABLE 4. Percent Distribution of Commodities, by Production Area of Destination: 1967 --Continued

TCC code	Commodity	Number	Percent distribution by production area ¹ of destination							
			Total	1 (BOST)	2 (HART)	3 (NYNY)	4 (N. NJ)	5 (PHIL)	6 (BALT)	7 (ALLN)
	TONS OF SHIPMENTS--Continued	(thousands of tons)								
33	Primary metal products.....	1,571	100.0	-	-	-	0.5	-	0.2	-
333	Nonferrous metals primary smelter products (slab, ingot, pig, etc., and residues).....	160	100.0	-	-	-	5.0	-	2.2	-
34	Fabricated metal products.....	969	100.0	0.4	-	-	.7	0.8	.2	-
341	Metal cans.....	114	100.0	1.7	-	-	4.2	-	-	-
3411	Metal cans.....	114	100.0	1.7	-	-	4.2	-	-	-
34111	Metal cans.....	114	100.0	1.7	-	-	4.2	-	-	-
35	Machinery, except electrical.....	126	100.0	-	-	0.3	-	-	-	-
353	Construction, mining, and materials handling machinery and equipment.....	70	100.0	-	-	.3	-	-	-	-
3533	Oil field machinery and equipment.....	69	100.0	-	-	.3	-	-	-	-
35331	Oil and gas field drilling and field production machinery and equipment....	65	100.0	-	-	.3	-	-	-	-
356	General industrial machinery and equipment.....	4	100.0	-	-	3.4	-	.1	-	-
	TON-MILES OF SHIPMENTS	(millions of ton-miles)								
	Production Area 21, total.....	173,338	100.0	10.9	10.7	12.4	11.3	13.4	.1	-
20	Food and kindred products.....	722	100.0	1.7	1.4	4.7	5.4	-	.8	-
28	Chemicals and allied products.....	9,344	100.0	.5	.7	.2	11.4	13.7	1.0	0.3
281	Industrial chemicals.....	5,047	100.0	.3	.9	.1	18.0	22.7	1.0	-
2813	Industrial gases, compressed and liquefied.....	60	100.0	-	-	-	-	-	-	-
28139	Industrial gases, n.e.c.....	59	100.0	-	-	-	-	-	-	-
2814	Crude products from coal tar, petroleum, and natural gas, except asphalt, tar, and pitches.....	433	100.0	-	-	-	.9	-	8.1	-
28141	Crude products from coal tar, petroleum, and natural gas, except asphalt, tar, and pitches.....	433	100.0	-	-	-	.9	-	8.1	-
2818	Miscellaneous industrial organic chemicals.....	3,605	100.0	-	.9	.1	25.2	31.6	.4	-
28185	Glycols and glycerins.....	315	100.0	-	-	-	12.9	-	-	-
28189	Industrial organic chemicals, n.e.c....	529	100.0	-	6.4	1.0	.9	5.6	-	-
2819	Miscellaneous industrial inorganic chemicals.....	425	100.0	-	-	-	-	.4	-	-
28198	Anhydrous ammonia.....	221	100.0	-	-	-	-	-	-	-
282	Plastic materials and plasticizers, synthetic resins, rubbers, and fibers.	2,828	100.0	1.2	.6	.5	4.6	3.4	.5	.2
2821	Plastic materials and plasticizers, synthetic resins, rubbers, and fibers.	2,828	100.0	1.2	.6	.5	4.6	3.4	.5	.2
28211	Plastic materials and plasticizers, synthetic resins, and nonvulcanizable elastomers.....	2,310	100.0	.9	.3	.4	5.2	3.8	.6	.2
28212	Synthetic rubber.....	492	100.0	2.5	2.0	-	1.1	1.5	-	.1
285	Paints, varnishes, lacquers, enamels, and allied products.....	56	100.0	-	-	-	-	-	-	-
2851	Paints, varnishes, lacquers, enamels, and allied products.....	56	100.0	-	-	-	-	-	-	-
287	Agricultural chemicals.....	740	100.0	-	-	-	1.0	.5	-	-
29	Petroleum and coal products.....	161,910	100.0	11.6	11.4	13.3	11.4	13.6	-	-
291	Products of petroleum refining.....	161,400	100.0	11.7	11.5	13.3	11.5	13.5	-	-

See footnotes at end of table.

TABLE 4. Percent Distribution of Commodities, by Production Area of Destination: 1967--Continued

TCC code	Commodity	Percent distribution by production area ¹ of destination--Continued									
		8 (HARR)	9 (SYRA)	10 (BUFF)	11 (CLEV)	12 (PITT)	13 (DETR)	14 (CINC)	15 (CHIC)	16 (MILW)	17 (M-SP)
	TONS OF SHIPMENTS--Continued										
33	Primary metal products.....	-	-	-	0.1	0.2	0.3	0.1	0.2	-	0.3
333	Nonferrous metals primary smelter products (slab, ingot, pig, etc., and residues).....	-	-	-	-	-	2.7	1.1	-	-	3.0
34	Fabricated metal products.....	-	-	-	-	.3	.3	.1	2.1	-	.1
341	Metal cans.....	-	-	-	-	.1	-	-	-	-	.2
3411	Metal cans.....	-	-	-	-	.1	-	-	-	-	.2
34111	Metal cans.....	-	-	-	-	.1	-	-	-	-	.2
35	Machinery, except electrical.....	3.1	-	-	1.2	.2	.3	-	.1	-	-
353	Construction, mining, and materials handling machinery and equipment.....	-	-	-	-	.3	.4	.1	.1	-	-
3533	Oil field machinery and equipment.....	-	-	-	-	.3	.5	.1	.1	-	-
35331	Oil and gas field drilling and field production machinery and equipment.....	-	-	-	-	.3	.4	-	.1	-	-
356	General industrial machinery and equipment.....	-	-	0.1	-	.8	.1	-	-	0.6	-
	TON-MILES OF SHIPMENTS										
	Production Area 21, total.....	-	0.4	.1	.2	.4	.1	.2	.8	-	.1
20	Food and kindred products.....	-	-	2.0	1.0	.3	.7	-	3.9	-	3.1
28	Chemicals and allied products.....	-	-	.6	1.5	1.1	.9	.7	1.5	-	.2
281	Industrial chemicals.....	-	-	.1	.1	1.1	1.0	.4	1.1	-	.4
2813	Industrial gases, compressed and liquefied.....	-	-	-	-	-	-	23.5	-	-	-
28139	Industrial gases, n.e.c.....	-	-	-	-	-	-	23.9	-	-	-
2814	Crude products from coal tar, petroleum, and natural gas, except asphalt, tar, and pitches.....	-	-	-	-	-	-	.3	3.2	-	-
28141	Crude products from coal tar, petroleum, and natural gas, except asphalt, tar, and pitches.....	-	-	-	-	-	-	.3	3.2	-	-
2818	Miscellaneous industrial organic chemicals.....	-	-	.2	-	1.5	1.2	.1	1.0	-	.6
28185	Glycols and glycerins.....	-	-	-	.5	16.7	.1	-	5.1	.4	-
28189	Industrial organic chemicals, n.e.c.....	-	-	1.2	-	.3	3.2	-	1.0	-	-
2819	Miscellaneous industrial inorganic chemicals.....	-	-	-	-	-	-	-	.1	-	-
28198	Anhydrous ammonia.....	-	-	-	-	-	-	-	-	-	-
282	Plastic materials and plasticizers, synthetic resins, rubbers, and fibers.	.1	.1	1.1	4.4	.2	1.0	.6	2.7	-	-
2821	Plastic materials and plasticizers, synthetic resins, rubbers, and fibers.	.1	.1	1.1	4.4	.2	1.0	.6	2.7	-	-
28211	Plastic materials and plasticizers, synthetic resins, and nonvulcanizable elastomers.....	-	.1	1.3	1.0	.2	.4	.7	2.4	-	-
28212	Synthetic rubber.....	.2	-	.3	20.4	-	4.0	.5	3.3	-	-
285	Paints, varnishes, lacquers, enamels, and allied products.....	-	-	5.8	15.9	16.7	-	-	-	-	-
2851	Paints, varnishes, lacquers, enamels, and allied products.....	-	-	5.8	15.9	16.7	-	-	-	-	-
287	Agricultural chemicals.....	-	-	-	-	-	.3	-	-	-	-
29	Petroleum and coal products.....	-	.4	.1	.1	.3	-	.1	.7	-	-
291	Products of petroleum refining.....	-	.4	.1	.1	.3	-	.1	.7	-	-

See footnotes at end of table.

TABLE 4. Percent Distribution of Commodities, by Production Area of Destination: 1967--Continued

TCC code	Commodity	Percent distribution by production area ¹ of destination--Continued									Sampling vari- ability code ³
		18 (STLO)	19 (ATLA)	20 (DALL)	21 ² (HOUS)	22 (DENV)	23 (SETL)	24 (SANF)	25 (LOSA)	All other	
	TONS OF SHIPMENTS--Continued										
33	Primary metal products.....	5.0	0.6	7.8	3.2	0.1	-	-	0.2	81.2	d
333	Nonferrous metals primary smelter products (slab, ingot, pig, etc., and residues).....	9.9	-	8.9	10.0	.1	-	-	-	57.1	d
34	Fabricated metal products.....	.9	.5	3.4	14.7	-	-	-	.1	75.4	d
341	Metal cans.....	1.3	-	13.1	16.5	-	-	-	-	62.9	b
3411	Metal cans.....	1.3	-	13.1	16.5	-	-	-	-	62.9	b
34111	Metal cans.....	1.3	-	13.1	16.5	-	-	-	-	62.9	b
35	Machinery, except electrical.....	-	-	8.5	7.5	-	5.5	0.2	4.0	69.1	d
353	Construction, mining, and materials handling machinery and equipment.....	-	-	10.5	8.9	-	9.9	-	7.1	62.4	b
3533	Oil field machinery and equipment.....	-	-	10.6	9.0	-	10.1	-	7.2	61.8	c
35331	Oil and gas field drilling and field production machinery and equipment....	-	-	11.2	8.9	-	10.6	-	7.6	60.6	c
356	General industrial machinery and equipment.....	-	-	2.4	9.9	-	-	-	.2	82.4	d
	TON-MILES OF SHIPMENTS										
	Production Area 21, total.....	1.3	-	.1	.2	.1	-	.1	4.6	32.5	-
20	Food and kindred products.....	.2	.6	12.1	1.5	2.2	1.2	4.3	5.5	47.4	-
28	Chemicals and allied products.....	4.4	.2	.5	1.9	.6	.2	1.5	2.5	53.9	-
281	Industrial chemicals.....	5.3	.1	.4	3.0	.7	.4	2.1	1.5	39.3	-
2813	Industrial gases, compressed and liquefied.....	-	-	1.9	20.7	-	-	-	-	53.9	-
28139	Industrial gases, n.e.c.....	-	-	1.8	20.8	-	-	-	-	53.5	-
2814	Crude products from coal tar, petro- leum, and natural gas, except asphalt, tar, and pitches.....	.3	-	.2	16.0	-	-	-	.4	70.6	-
28141	Crude products from coal tar, petro- leum, and natural gas, except asphalt, tar, and pitches.....	.3	-	.2	16.0	-	-	-	.4	70.6	-
2818	Miscellaneous industrial organic chemicals.....	.9	.1	.1	.4	.6	.5	1.5	1.3	31.8	-
28185	Glycols and glycerins.....	3.2	-	-	.9	-	5.3	1.1	9.7	44.1	-
28189	Industrial organic chemicals, n.e.c....	.4	-	.4	1.1	.4	.2	9.2	2.2	66.5	-
2819	Miscellaneous industrial inorganic chemicals.....	.1	.4	1.5	11.4	-	-	12.0	4.2	69.9	-
28198	Anhydrous ammonia.....	-	-	-	3.3	-	-	-	-	96.7	-
282	Plastic materials and plasticizers, synthetic resins, rubbers, and fibers.	.4	.2	.1	.2	-	-	1.0	4.5	72.4	-
2821	Plastic materials and plasticizers, synthetic resins, rubbers, and fibers.	.4	.2	.1	.2	-	-	1.0	4.5	72.4	-
28211	Plastic materials and plasticizers, synthetic resins, and nonvulcanizable elastomers.....	.3	.2	.1	.2	-	-	1.2	4.3	76.2	-
28212	Synthetic rubber.....	.5	.5	-	.5	.1	-	-	4.9	57.6	-
285	Paints, varnishes, lacquers, enamels, and allied products.....	-	-	5.2	2.1	-	.6	9.9	.7	43.1	-
2851	Paints, varnishes, lacquers, enamels, and allied products.....	-	-	5.2	2.1	-	.6	9.9	.7	43.1	-
287	Agricultural chemicals.....	12.9	-	1.1	1.6	1.9	-	-	1.0	79.7	-
29	Petroleum and coal products.....	1.1	-	-	.1	-	-	-	4.7	31.1	-
291	Products of petroleum refining.....	1.1	-	-	.1	-	-	-	4.7	30.9	-

See footnotes at end of table.

TABLE 4. Percent Distribution of Commodities, by Production Area of Destination: 1967 --Continued

TCC code	Commodity	Number	Percent distribution by production area ² of destination							
			Total	1 (BOST)	2 (HART)	3 (NYNY)	4 (N. NJ)	5 (PHIL)	6 (BALT)	7 (ALLN)
	TON-MILES OF SHIPMENTS--Continued	(millions of ton-miles)								
2911	Products of petroleum refining (except liquefied petroleum gases and petroleum coke and breeze).....	161,138	100.0	11.7	11.5	13.3	11.5	13.6	-	-
29111	Gasoline, jet fuels, and other high volatile petroleum fuels (except natural gasoline).....	46,346	100.0	18.9	1.4	.2	27.0	.3	-	-
29112	Kerosene.....	723	100.0	5.7	1.5	-	3.2	8.9	-	-
29113	Distillate fuel oil.....	66,512	100.0	2.3	26.7	32.3	.3	14.3	-	-
29116	Petroleum asphalt, tar, and pitches (including coke-oven and coal tar)....	1,068	100.0	-	-	-	-	-	-	-
2912	Liquefied petroleum and coal gases.....	263	100.0	-	10.9	-	2.1	1.6	-	-
29121	Liquefied petroleum and coal gases.....	263	100.0	-	10.9	-	2.1	1.6	-	-
299	Miscellaneous petroleum and coal products.....	495	100.0	-	-	-	.1	20.1	-	-
2991	Miscellaneous petroleum and coal products.....	495	100.0	-	-	-	.1	20.1	-	-
29911	Coke and coal briquettes.....	133	100.0	-	-	-	-	-	-	-
32	Stone, clay, and glass products.....	174	100.0	-	-	1.3	-	-	-	-
33	Primary metal products.....	590	100.0	-	-	-	1.9	-	0.7	-
333	Nonferrous metals primary smelter products (slab, ingot, pig, etc., and residues).....	133	100.0	-	-	-	8.4	-	3.3	-
34	Fabricated metal products.....	329	100.0	1.6	-	.1	2.8	3.1	.8	-
341	Metal cans.....	35	100.0	8.2	-	-	18.2	.1	-	-
3411	Metal cans.....	35	100.0	8.2	-	-	18.2	.1	-	-
34111	Metal cans.....	35	100.0	8.2	-	-	18.2	.1	-	-
35	Machinery, except electrical.....	96	100.0	-	-	.6	-	-	-	-
353	Construction, mining, and materials handling machinery and equipment.....	52	100.0	-	-	.5	-	-	-	-
3533	Oil field machinery and equipment.....	51	100.0	-	-	.5	-	-	-	-
35331	Oil and gas field drilling and field production machinery and equipment....	50	100.0	-	-	.5	-	-	-	-
356	General industrial machinery and equipment.....	2	100.0	-	-	9.0	-	.2	-	-

See footnotes at end of table.

TABLE 4. Percent Distribution of Commodities, by Production Area of Destination: 1967--Continued

TCC code	Commodity	Percent distribution by production area ¹ of destination--Continued									
		8 (HARR)	9 (SYRA)	10 (BUFF)	11 (CLEV)	12 (PITT)	13 (DETR)	14 (CINC)	15 (CHIC)	16 (MILW)	17 (M-SP)
	TON-MILES OF SHIPMENTS--Continued										
2911	Products of petroleum refining (except liquefied petroleum gases and petroleum, coke and breeze).....	-	0.4	0.1	0.1	0.3	-	0.1	0.7	-	-
29111	Gasoline, jet fuels, and other high volatile petroleum fuels (except natural gasoline).....	-	.5	-	-	.2	-	-	.2	-	-
29112	Kerosene.....	-	-	-	-	-	-	-	-	-	-
29113	Distillate fuel oil.....	-	.7	-	-	-	-	-	.2	-	-
29116	Petroleum asphalt, tar, and pitches (including coke-oven and coal tar)....	-	-	-	-	7.7	-	-	.3	1.2	-
2912	Liquefied petroleum and coal gases.....	-	-	-	12.7	-	-	-	2.6	-	-
29121	Liquefied petroleum and coal gases.....	-	-	-	12.7	-	-	-	2.6	-	-
299	Miscellaneous petroleum and coal products.....	-	.1	-	-	-	0.4	.4	5.0	-	-
2991	Miscellaneous petroleum and coal products.....	-	.1	-	-	-	.4	.4	5.0	-	-
29911	Coke and coal briquettes.....	-	-	-	-	-	-	-	4.2	-	-
32	Stone, clay, and glass products.....	-	1.7	-	.4	.6	-	-	1.4	-	1.3
33	Primary metal products.....	-	-	-	.2	.5	.8	.3	.4	-	.9
333	Nonferrous metals primary smelter products (slab, ingot, pig, etc., and residues).....	-	-	-	-	-	3.7	1.2	-	-	3.9
34	Fabricated metal products.....	-	-	-	.1	1.0	.8	.1	5.6	-	.3
341	Metal cans.....	-	-	-	-	.2	-	.1	-	-	.8
3411	Metal cans.....	-	-	-	-	.2	-	.1	-	-	.8
34111	Metal cans.....	-	-	-	-	.2	-	.1	-	-	.8
35	Machinery, except electrical.....	5.2	-	-	1.7	.3	.4	-	.1	-	-
353	Construction, mining, and materials handling machinery and equipment.....	-	-	.1	.1	.5	.7	.1	.2	-	-
3533	Oil field machinery and equipment.....	-	-	.1	.1	.5	.7	.1	.2	-	-
35331	Oil and gas field drilling and field production machinery and equipment....	-	-	.1	.1	.5	.6	-	.2	-	-
356	General industrial machinery and equipment.	-	-	.1	-	1.7	.3	-	-	1.1	.1

See footnotes at end of table.

TABLE 4. Percent Distribution of Commodities, by Production Area of Destination: 1967--Continued

TCC code	Commodity	Percent distribution by production area ¹ of destination--Continued									Sampling variability code ³
		18 (STLO)	19 (ATLA)	20 (DALL)	21 ² (HOUS)	22 (DENV)	23 (SETL)	24 (SANF)	25 (LOSA)	All other	
	TON-MILES OF SHIPMENTS--Continued										
2911	Products of petroleum refining (except liquefied petroleum gases and petroleum coke and breeze).....	1.1	-	-	0.1	-	-	-	4.7	30.3	-
29111	Gasoline, jet fuels, and other high volatile petroleum fuels (except natural gasoline).....	.7	-	-	.1	-	-	0.1	16.1	34.3	-
29112	Kerosene.....	-	-	-	.5	-	-	2.4	-	77.8	-
29113	Distillate fuel oil.....	-	-	-	-	-	-	-	-	23.2	-
29116	Petroleum asphalt, tar, and pitches (including coke-oven and coal tar)....	-	-	-	.4	-	-	-	-	90.4	-
2912	Liquefied petroleum and coal gases.....	.4	-	-	6.2	-	-	-	-	63.5	-
29121	Liquefied petroleum and coal gases.....	.4	-	-	6.2	-	-	-	-	63.5	-
299	Miscellaneous petroleum and coal products.....	1.4	-	-	1.8	0.1	-	-	17.7	52.9	-
2991	Miscellaneous petroleum and coal products.....	1.4	-	-	1.8	.1	-	-	17.7	52.9	-
29911	Coke and coal briquettes.....	-	-	-	2.1	-	-	-	5.0	88.7	-
32	Stone, clay, and glass products.....	1.0	0.8	6.2	3.7	1.5	-	6.7	-	73.4	-
33	Primary metal products.....	9.4	1.1	4.8	.6	.2	-	-	.8	77.4	-
333	Nonferrous metals primary smelter products (slab, ingot, pig, etc., and residues).....	8.7	-	2.5	.7	.1	-	-	-	67.5	-
34	Fabricated metal products.....	1.7	1.0	2.4	2.2	.1	-	.1	.3	75.9	-
341	Metal cans.....	2.9	-	10.4	2.3	-	-	.1	-	56.7	-
3411	Metal cans.....	2.9	-	10.4	2.3	-	-	.1	-	56.7	-
34111	Metal cans.....	2.9	-	10.4	2.3	-	-	.1	-	56.7	-
35	Machinery, except electrical.....	-	-	2.6	.6	-	13.7	.5	7.3	67.0	-
353	Construction, mining, and materials handling machinery and equipment.....	-	-	3.3	.8	-	25.3	-	13.2	55.2	-
3533	Oil field machinery and equipment.....	-	-	3.3	.8	-	25.7	-	13.4	54.6	-
35331	Oil and gas field drilling and field production machinery and equipment....	-	-	3.4	.8	-	26.4	-	13.7	53.7	-
356	General industrial machinery and equipment.....	-	-	1.0	1.0	-	-	-	.6	84.9	-

¹Designations below the area numbers are used to help identify the area. Descriptions of production areas appear on page 4.

²Includes only those shipments that originated in one city in this area and terminated in another city in this area. Does not include shipments originating and terminating in the same city.

³Code letter indicates a sampling variability range as follows: a, 0-9 percent; b, 10-19 percent; c, 20-29 percent; and d, 30-50 percent. The variability for ton-miles has not been estimated.

PRODUCTION AREA 22

Consists of one Standard Metropolitan Statistical Area:
Denver, Colo.

SUMMARY

The estimates of tons and ton-miles are based on reports from a sample of shipments by approximately 60 manufacturing establishments located in this Production Area. The total tons and ton-miles represent the total inter-city shipments by essentially all manufacturing establishments in the area, except for plants with less than 20 employees. However, since the data are based on a sample, the estimates necessarily are subject to "sampling variability."

The approximate degree of sampling variability for tons for each commodity or commodity class is indicated in the last column of tables 1 to 4. In general, most of the commodity data in this report are subject to substantial sampling variability and should be treated as approximate rather than precise measures.

About 2.5 million tons of commodities were shipped by plants in this area to destinations

beyond the local area. These shipments generated 1.4 billion ton-miles by all means of transport combined, and averaged about 559 straight-line miles per ton shipped.

Motor carriers are the dominant means of transport, hauling about 43 percent of the total tons shipped. When measured in terms of ton-miles rather than tons rail, because of the longer average length of haul, becomes the dominant means of transport, accounting for over 56 percent of the total ton-miles.

Comparisons between 1967 and 1963 data are presented in tables A through D. The 1967 survey is comparable with 1963, except for the exclusion from the survey, in 1967, of plants with less than 20 employees. Nationally, those plants accounted for only 4 percent of the total tons originated in the 1963 survey.

**Table A. PERCENT DISTRIBUTION OF SHIPMENTS
BY MEANS OF TRANSPORT**

Means of transport	All commodities	
	1967	1963
Tons of shipments.....millions..	2.5	2.8
Ton-miles.....billions..	1.4	1.5
TONS OF SHIPMENTS	Percent distribution	
All means of transport.....	100.0	100.0
Rail.....	37.5	33.2
Motor carrier.....	43.1	37.8
Private truck.....	18.9	28.6
Air.....	.1	.1
Other.....	.4	.3
TON-MILES		
All means of transport.....	100.0	100.0
Rail.....	56.6	39.1
Motor carrier.....	36.6	47.1
Private truck.....	5.8	13.0
Air.....	.1	.2
Other.....	.9	.6

Note: Ton-miles are the product of weight times distance on a straight-line distance basis.

**Table B. AVERAGE LENGTH OF HAUL
BY MEANS OF TRANSPORT**

Means of transport	(Straight-line miles)	
	All commodities	
	1967	1963
All means of transport.....	559	519
Rail.....	845	612
Motor carrier.....	475	647
Private truck.....	172	236

Note: Average length of haul is based on straight-line miles from plant to customer or redistribution point, weighted by tonnage shipped (i.e., ton-miles divided by tons). Rail short-line and highway direct-route distances average about 24 and 21 percent, respectively, longer than straight-line distances.

**Table C. PERCENT DISTRIBUTION OF SHIPMENTS
BY DISTANCE OF SHIPMENT**

Distance shipped	All commodities	
	1967	1963
TONS OF SHIPMENTS		
All distances.....	100.0	100.0
Under 100 miles.....	24.9	23.3
100 to 199 miles.....	9.7	16.2
200 to 299 miles.....	1.5	6.4
300 to 499 miles.....	9.0	13.7
500 to 999 miles.....	44.6	27.6
1,000 to 1,499 miles.....	4.1	3.0
1,500 miles and over.....	6.2	9.8

**Table D. PERCENT DISTRIBUTION OF SHIPMENTS
BY AREA OF DESTINATION**

Area of destination	All commodities	
	1967	1963
Tons of shipments.....thousands..	2,454	2,847
Ton-miles.....millions..	1,373	1,478
TONS OF SHIPMENTS	Percent distribution	
All areas.....	100.0	100.0
Production Area 22 ¹	7.7	3.0
Other production areas.....	31.1	24.3
All other areas.....	61.2	72.7
TON-MILES		
All areas.....	100.0	100.0
Production Area 22 ¹.....	.3	.1
Other production areas.....	54.7	53.1
All other areas.....	45.0	46.8

¹Includes only those shipments that originated in one city in this area and terminated in another city in this area.

TABLE 1. Percent Distribution of Commodities, by Means of Transport: 1967

TCC code	Commodity	Number	Percent distribution by means of transport								Sampling variability code ¹
			All means of transport	Rail	Motor carrier	Private truck	Air	Water	Other	Unknown	
	TONS OF SHIPMENTS	(thousands of tons)									
	Production Area 22, total.....	2,454	100.0	37.5	43.1	18.9	0.1	-	0.3	0.1	-
20	Food and kindred products.....	1,601	100.0	53.6	32.0	14.0	-	-	.3	.1	b
201	Meat, poultry, and small game; fresh, chilled or frozen.....	463	100.0	50.0	40.0	8.9	-	-	.9	.2	d
28	Chemicals and allied products.....	37	100.0	3.6	92.3	1.9	.2	-	1.8	.2	d
32	Stone, clay, and glass products.....	148	100.0	5.4	2.0	92.3	-	-	.3	-	d
35	Machinery, except electrical.....	61	100.0	9.2	86.8	2.7	.8	-	.4	.1	d
	TON-MILES OF SHIPMENTS	(millions of ton-miles)									
	Production Area 22, total.....	1,373	100.0	56.6	36.6	5.8	.1	-	.8	.1	-
20	Food and kindred products.....	1,085	100.0	66.8	29.2	3.2	-	-	.7	.1	-
201	Meat, poultry, and small game; fresh, chilled or frozen.....	452	100.0	60.9	36.0	1.8	-	-	1.1	.2	-
28	Chemicals and allied products.....	30	100.0	4.4	91.9	1.2	.3	-	2.0	.2	-
32	Stone, clay, and glass products.....	17	100.0	33.5	12.2	50.9	.3	-	3.1	-	-
35	Machinery, except electrical.....	61	100.0	9.0	88.8	.2	.8	-	1.1	.1	-

¹Code letter indicates a sampling variability range as follows: a, 0-9 percent; b, 10-19 percent; c, 20-29 percent; and d, 30-50 percent. The variability for ton-miles has not been estimated.

TABLE 2. Percent Distribution of Commodities, by Distance of Shipment: 1967

TCC code	Commodity	Number	Percent distribution by distance of shipment								Sampling variability code ¹
			All distances	Under 100 miles	100 to 199 miles	200 to 299 miles	300 to 499 miles	500 to 999 miles	1,000 to 1,499 miles	1,500 miles or over	
	TONS OF SHIPMENTS	(thousands of tons)									
	Production Area 22, total.....	2,454	100.0	24.9	9.7	1.5	9.0	44.6	4.1	6.2	-
20	Food and kindred products.....	1,601	100.0	12.4	5.6	1.7	9.9	60.1	2.6	7.7	b
201	Meat, poultry, and small game; fresh, chilled or frozen.....	463	100.0	6.5	2.3	.8	5.4	52.8	6.6	25.6	d
28	Chemicals and allied products.....	37	100.0	4.5	7.4	4.5	6.6	54.3	13.4	9.3	d
32	Stone, clay, and glass products.....	148	100.0	74.8	15.7	2.0	1.4	5.1	.8	.2	d
35	Machinery, except electrical.....	61	100.0	9.1	1.4	.3	3.0	38.8	23.7	23.7	d

See footnote at end of table.

TABLE 2. Percent Distribution of Commodities, by Distance of Shipment: 1967--Continued

TCC code	Commodity	Number	Percent distribution by distance of shipment								Sampling variability code ¹
			All distances	Under 100 miles	100 to 199 miles	200 to 299 miles	300 to 499 miles	500 to 999 miles	1,000 to 1,499 miles	1,500 miles or over	
	TON-MILES OF SHIPMENTS	(millions of ton-miles)									
	Production Area 22, total.....	1,373	100.0	2.0	2.5	0.7	6.5	61.2	8.6	18.5	-
20	Food and kindred products.....	1,084	100.0	.7	1.2	.6	5.9	68.2	4.6	18.8	-
201	Meat, poultry, and small game; fresh, chilled or frozen	452	100.0	.3	.4	.2	2.5	45.0	8.5	43.1	-
28	Chemicals and allied products.....	30	100.0	.4	1.4	1.4	3.4	54.4	20.4	18.6	-
32	Stone, clay, and glass products.....	17	100.0	29.4	17.0	4.2	4.8	34.2	8.2	2.2	-
35	Machinery, except electrical.....	61	100.0	.5	.2	.1	1.0	31.9	27.4	38.9	-

¹Code letter indicates a sampling variability range as follows: a, 0-9 percent; b, 10-19 percent; c, 20-29 percent; and d, 30-50 percent. The variability for ton-miles has not been estimated.

TABLE 3. Percent Distribution of Commodities, by Geographic Division of Destination: 1967

TCC code	Commodity	Number	Percent distribution by geographic division ¹ of destination										Sampling variability code ³
			All means of transport	New England	Middle Atlantic	East North Central	West North Central	South Atlantic	East South Central	West South Central	Mountain	Pacific ²	
	TONS OF SHIPMENTS	(thous. of tons)											
	Production Area 22, total.....	2,454	100.0	0.5	5.3	6.3	8.9	1.6	1.4	10.2	43.0	22.8	-
20	Food and kindred products.....	1,601	100.0	.5	6.6	7.5	8.9	1.4	.4	12.9	28.8	33.0	b
28	Chemicals and allied products.....	37	100.0	.6	7.0	22.1	8.7	7.3	11.6	13.7	22.7	6.3	c
32	Stone, clay, and glass products.....	148	100.0	-	.2	.8	4.2	.1	-	3.3	91.1	.3	c
35	Machinery, except electrical.....	61	100.0	4.8	16.3	9.7	12.4	10.3	.5	13.1	13.6	19.3	c
	TON-MILES OF SHIPMENTS	(millions of ton-miles)											
	Production Area 22, total.....	1,373	100.0	1.5	15.2	10.6	8.3	4.0	2.5	10.9	11.9	35.1	-
20	Food and kindred products.....	1,084	100.0	1.3	15.7	10.4	6.7	3.0	.5	11.0	9.7	41.7	-
28	Chemicals and allied products.....	30	100.0	1.3	14.0	24.8	5.0	12.8	13.5	14.0	7.8	8.8	-
32	Stone, clay, and glass products.....	17	100.0	.3	2.9	7.5	12.7	.9	.1	22.9	50.1	2.6	-
35	Machinery, except electrical.....	61	100.0	8.2	25.1	9.8	8.0	15.3	.6	11.4	2.7	18.0	-

¹States included in the geographic divisions are as follows: NEW ENGLAND--Maine, New Hampshire, Vermont, Massachusetts, Rhode Island, and Connecticut; MIDDLE ATLANTIC--New York, New Jersey, and Pennsylvania; EAST NORTH CENTRAL--Ohio, Indiana, Illinois, Michigan, and Wisconsin; WEST NORTH CENTRAL--Minnesota, Iowa, Missouri, North Dakota, South Dakota, Nebraska, and Kansas; SOUTH ATLANTIC--Delaware, Maryland, District of Columbia, Virginia, West Virginia, North Carolina, South Carolina, Georgia, and Florida; EAST SOUTH CENTRAL--Kentucky, Tennessee, Alabama, and Mississippi; WEST SOUTH CENTRAL--Arkansas, Louisiana, Oklahoma, and Texas; MOUNTAIN--Montana, Idaho, Wyoming, Colorado, New Mexico, Arizona, Utah, and Nevada; PACIFIC--Washington, Oregon, California, Alaska, and Hawaii.

²Shipments to Alaska and Hawaii from the 48 conterminous States and the District of Columbia are included; no data were obtained for shipments originating in Alaska and Hawaii.

³Code letter indicates a sampling variability range as follows: a, 0-9 percent; b, 10-19 percent; c, 20-29 percent; and d, 30-50 percent. The variability for ton-miles has not been estimated.

TABLE 4. Percent Distribution of Commodities, by Production Area of Destination: 1967

TCC code	Commodity	Number	Percent distribution by production area ¹ of destination								
			Total	1 (BOST)	2 (HART)	3 (NYNY)	4 (N. NJ)	5 (PHIL)	6 (BALT)	7 (ALLN)	
	TONS OF SHIPMENTS	(thous. of tons)									
	Production Area 22, total.....	2,454	100.0	0.3	0.2	4.0	0.5	0.4	0.2	-	
20	Food and kindred products.....	1,601	100.0	.4	.1	5.5	.5	.5	.2	-	
201	Meat, poultry, and small game; fresh, chilled or frozen.....	463	100.0	1.2	.2	18.8	1.6	1.7	.7	-	
28	Chemicals and allied products.....	37	100.0	.5	-	.4	.8	2.9	-	-	
32	Stone, clay, and glass products.....	148	100.0	-	-	-	-	-	-	-	
35	Machinery, except electrical.....	61	100.0	.1	4.0	6.4	1.6	2.0	.2	0.1	
	TON-MILES OF SHIPMENTS	(millions of ton-miles)									
	Production Area 22, total.....	1,373	100.0	.9	.5	11.5	1.4	1.2	.5	-	
20	Food and kindred products.....	1,085	100.0	1.1	.1	13.1	1.2	1.1	.5	-	
201	Meat, poultry, and small game; fresh, chilled or frozen.....	452	100.0	2.1	.3	31.3	2.7	2.7	1.1	-	
28	Chemicals and allied products.....	30	100.0	1.1	-	.8	1.6	5.9	-	-	
32	Stone, clay, and glass products.....	17	100.0	.2	.1	.1	.1	.4	-	-	
35	Machinery, except electrical.....	61	100.0	.2	6.7	10.5	2.7	3.1	.3	.2	
TCC code	Commodity	Percent distribution by production area ¹ of destination—Continued									
		8 (HARR)	9 (SYRA)	10 (BUFF)	11 (CLEV)	12 (PITT)	13 (DETR)	14 (CINC)	15 (CHIC)	16 (MILW)	17 (M-SP)
	TON-MILES OF SHIPMENTS										
	Production Area 22, total.....	-	-	0.1	0.2	0.1	0.4	0.1	3.3	0.4	0.4
20	Food and kindred products.....	-	-	-	.1	-	.4	.1	4.5	.6	.4
201	Meat, poultry, and small game; fresh, chilled or frozen.....	-	-	-	.1	-	.9	-	12.7	.7	.5
28	Chemicals and allied products.....	0.1	0.1	-	.7	-	.9	.1	4.0	.1	.5
32	Stone, clay, and glass products.....	-	-	-	-	.1	.2	.3	.2	-	.5
35	Machinery, except electrical.....	-	-	2.9	.1	.1	1.4	.8	2.9	-	.1
	TONS OF SHIPMENTS										
	Production Area 22, total.....	-	-	.2	.5	.2	.8	.2	5.3	.7	.5
20	Food and kindred products.....	-	-	-	.2	-	.7	.1	6.1	.8	.4
201	Meat, poultry, and small game; fresh chilled or frozen.....	-	-	-	.1	-	1.1	-	12.0	.6	.4
28	Chemicals and allied products.....	.1	.2	-	1.1	-	1.3	.2	4.6	.1	.4
32	Stone, clay, and glass products.....	-	-	.1	.1	.8	2.0	2.8	1.4	-	3.0
35	Machinery, except electrical.....	-	-	4.0	.1	.1	1.6	.9	2.7	-	.1

See footnotes at end of table.

TABLE 4. Percent Distribution of Commodities, by Production Area of Destination: 1967--Continued

TCC code	Commodity	Percent distribution by production area ¹ of destination--Continued									Sampling variability code ³
		18 (STLO)	19 (ATLA)	20 (DALL)	21 (HOUS)	22 ² (DENV)	23 (SETL)	24 (SANF)	25 (LOSA)	All other	
	TONS OF SHIPMENTS										
	Production Area 22, total.....	1.0	0.2	2.6	0.5	7.7	0.2	5.3	10.7	61.2	-
20	Food and kindred products.....	1.0	-	2.8	.2	6.2	.2	7.7	15.9	52.7	b
201	Meat, poultry, and small game; fresh, chilled or frozen.....	2.8	-	.5	.1	3.1	.3	12.3	7.1	34.7	d
28	Chemicals and allied products.....	.1	1.4	2.0	3.5	-	-	1.4	2.2	78.3	d
32	Stone, clay, and glass products.....	-	-	-	2.7	23.6	-	-	.2	72.2	d
35	Machinery, except electrical	2.8	1.2	1.4	5.5	3.1	1.6	5.7	2.6	53.4	d
	TON-MILES OF SHIPMENTS										
	Production Area 22, total.....	1.4	.5	3.0	.8	.3	.3	8.9	15.4	45.0	-
20	Food and kindred products.....	1.2	-	2.7	.3	.2	.2	10.5	18.9	40.6	-
201	Meat, poultry, and small game; fresh, chilled or frozen.....	2.2	-	.4	.1	-	.3	11.8	6.1	24.7	-
28	Chemicals and allied products.....	.1	2.2	1.7	3.9	-	-	1.6	2.3	70.8	-
32	Stone, clay, and glass products.....	-	-	.1	20.6	5.6	.2	.1	1.2	61.1	-
35	Machinery, except electrical.....	2.2	1.4	.9	5.0	.1	1.6	5.3	2.1	48.2	-

¹Designations below the area numbers are used to help identify the area. Descriptions of production areas appear on page 4.

²Includes only those shipments that originated in one city in this area and terminated in another city in this area. Does not include shipments originating and terminating in the same city.

³Code letter indicates a sampling variability range as follows: a, 0-9 percent; b, 10-19 percent; c, 20-29 percent; and d, 30-50 percent. The variability for ton-miles has not been estimated.

PRODUCTION AREA 23

Consists of two Standard Metropolitan Statistical Areas:
Seattle-Everett, Wash., and Tacoma, Wash.

SUMMARY

The estimates of tons and ton-miles are based on reports from a sample of shipments by approximately 118 manufacturing establishments located in this Production Area. The total tons and ton-miles represent the total inter-city shipments by essentially all manufacturing establishments in the area, except for plants with less than 20 employees. However, since the data are based on a sample, the estimates necessarily are subject to "sampling variability."

The approximate degree of sampling variability for tons for each commodity or commodity class is indicated in the last column of tables 1 to 4. In general, most of the commodity data in this report are subject to substantial sampling variability and should be treated as approximate rather than precise measures.

About 9 million tons of commodities were shipped by plants in this area to destinations beyond the local area. These shipments generated 5.6 billion ton-miles by all means of transport combined, and averaged about 616 straight-line miles per ton shipped.

When measured in terms of both tons and ton-miles, rail is the dominant means of transport, accounting for about 61 percent of the tons shipped and about 87 percent of the ton-miles.

Comparisons between 1967 and 1963 data are presented in tables A through D. The 1967 survey is comparable with 1963, except for the exclusion from the survey, in 1967, of plants with less than 20 employees. Nationally, those plants accounted for only 4 percent of the total tons originated in the 1963 survey.

**Table A. PERCENT DISTRIBUTION OF SHIPMENTS
BY MEANS OF TRANSPORT**

Means of transport	All commodities	
	1967	1963
Tons of shipments.....millions..	9.0	7.5
Ton-miles.....billions..	5.6	3.1
TONS OF SHIPMENTS		
	Percent distribution	
All means of transport.....	100.0	100.0
Rail.....	61.4	25.5
Motor carrier.....	13.5	24.0
Private truck.....	16.2	37.2
Air.....	-	.1
Water.....	8.3	13.0
Other.....	.6	.2
TON-MILES		
All means of transport.....	100.0	100.0
Rail.....	87.1	72.2
Motor carrier.....	5.4	13.5
Private truck.....	2.2	6.8
Air.....	.1	.1
Water.....	4.9	7.1
Other.....	.3	.3

Note: Ton-miles are the product of weight times distance on a straight-line distance basis.

**Table B. AVERAGE LENGTH OF HAUL
BY MEANS OF TRANSPORT**

Means of transport	(Straight-line miles)	
	All commodities	
	1967	1963
All means of transport.....	616	416
Rail.....	873	1,178
Motor carrier.....	246	234
Private truck.....	84	76

Note: Average length of haul is based on straight-line miles from plant to customer or redistribution point, weighted by tonnage shipped (i.e., ton-miles divided by tons). Rail short-line and highway direct-route distances average about 24 and 21 percent, respectively, longer than straight-line distances.

**Table C. PERCENT DISTRIBUTION OF SHIPMENTS
BY DISTANCE OF SHIPMENT**

Distance shipped	All commodities	
	1967	1963
TONS OF SHIPMENTS		
All distances.....	100.0	100.0
Under 100 miles.....	45.1	55.9
100 to 199 miles.....	13.4	12.5
200 to 299 miles.....	6.2	1.2
300 to 499 miles.....	2.7	1.3
500 to 999 miles.....	8.7	14.0
1,000 to 1,499 miles.....	2.4	4.6
1,500 miles and over.....	21.5	10.5

**Table D. PERCENT DISTRIBUTION OF SHIPMENTS
BY AREA OF DESTINATION**

Area of destination	All commodities	
	1967	1963
Tons of shipments.....thousands..	9,019	7,490
Ton-miles.....millions..	5,552	3,116
TONS OF SHIPMENTS		
	Percent distribution	
All areas.....	100.0	100.0
Production Area 23 ¹	27.9	38.7
Other production areas.....	16.7	13.6
All other areas.....	55.4	47.7
TON-MILES		
All areas.....	100.0	100.0
Production Area 23 ¹	1.2	2.1
Other production areas.....	45.6	39.7
All other areas.....	53.2	58.2

¹Includes only those shipments that originated in one city in this area and terminated in another city in this area.

TABLE 1. Percent Distribution of Commodities, by Means of Transport: 1967

TCC code	Commodity	Number	Percent distribution by means of transport								Sampling variability code
			All means of transport	Rail	Motor carrier	Private truck	Air	Water	Other	Unknown	
	TONS OF SHIPMENTS	(thousands of tons)									
	Production Area 23, total.....	9,019	100.0	61.4	13.5	16.2	-	8.3	0.4	0.2	-
20	Food and kindred products.....	1,252	100.0	17.5	16.8	64.5	0.1	1.1	-	-	d
24	Lumber and wood products, except furniture.....	1,463	100.0	50.5	4.0	18.3	-	26.7	.2	.3	d
242	Lumber and dimension stock and miscellaneous sawmill and planing mill products.....	727	100.0	62.0	6.3	22.3	-	8.6	.4	.4	d
2421	Lumber and dimension stock.....	727	100.0	62.0	6.3	22.3	-	8.6	.4	.4	d
24211	Lumber.....	590	100.0	62.8	4.9	20.8	-	10.6	.4	.5	d
243	Millwork and prefabricated wood products, including plywood and veneer....	311	100.0	91.5	4.2	3.4	-	.2	-	.7	d
2432	Plywood, veneer, and built-up wood (except wood particle board).....	250	100.0	92.3	3.2	3.5	-	.2	-	.8	d
24321	Plywood, veneer, and built-up wood (except wood particle board).....	250	100.0	92.3	3.2	3.5	-	.2	-	.8	d
26	Pulp, paper, and allied products.....	1,982	100.0	84.6	11.2	3.2	-	.7	-	.3	b
28	Chemicals and allied products.....	842	100.0	47.5	29.6	1.7	-	16.6	3.5	1.1	c
281	Industrial chemicals.....	683	100.0	56.9	21.0	1.0	-	20.4	.7	-	b
2819	Miscellaneous industrial inorganic chemicals.....	127	100.0	42.0	53.1	4.7	-	-	-	.2	d
33	Primary metal products.....	335	100.0	58.7	16.1	18.5	-	6.1	.6	-	c
34	Fabricated metal products.....	244	100.0	64.7	15.0	11.9	.1	7.6	.1	.6	d
35	Machinery, except electrical.....	76	100.0	27.1	54.1	17.3	.3	.3	.9	-	d
355	Special industry machinery (except metalworking machinery).....	1	100.0	-	93.1	.1	.4	-	6.1	.3	d
356	General industrial machinery and equipment.....	11	100.0	-	96.4	.1	.1	.5	2.9	-	d
36	Electrical machinery and equipment.....	6	100.0	-	77.8	11.8	8.8	-	1.6	-	d
	TON-MILES OF SHIPMENTS	(millions of ton-miles)									
	Production Area 23, total.....	5,552	100.0	87.1	5.4	2.2	.1	4.9	.1	.2	-
20	Food and kindred products.....	278	100.0	49.3	23.1	18.5	.7	8.4	-	-	-
24	Lumber and wood products, except furniture.....	1,329	100.0	91.2	1.6	2.3	-	4.5	-	.4	-
242	Lumber and dimension stock and miscellaneous sawmill and planing mill products.....	722	100.0	94.6	1.3	2.4	-	1.6	-	.1	-
2421	Lumber and dimension stock.....	722	100.0	94.6	1.3	2.4	-	1.6	-	.1	-
24211	Lumber.....	575	100.0	94.0	.8	2.8	-	2.1	.1	.2	-
243	Millwork and prefabricated wood products, including plywood and veneer....	548	100.0	96.6	2.1	.3	-	.3	-	.7	-
2432	Plywood, veneer, and built-up wood (except wood particle board).....	451	100.0	97.2	1.4	.3	-	.3	-	.8	-
24321	Plywood, veneer, and built-up wood (except wood particle board).....	451	100.0	97.2	1.4	.3	-	.3	-	.8	-
26	Pulp, paper, and allied products.....	2,984	100.0	96.7	1.6	.2	-	1.3	-	.2	-
28	Chemicals and allied products.....	201	100.0	44.9	24.7	2.7	.1	23.4	3.0	1.2	-
281	Industrial chemicals.....	161	100.0	53.4	16.7	.2	-	28.9	.4	.4	-
2819	Miscellaneous industrial inorganic chemicals.....	23	100.0	26.6	69.5	1.4	-	-	-	2.5	-

See footnote at end of table.

TABLE 1. Percent Distribution of Commodities, by Means of Transport: 1967--Continued

TCC code	Commodity	Number	Percent distribution by means of transport								Sampling variability code ¹
			All means of transport	Rail	Motor carrier	Private truck	Air	Water	Other	Unknown	
	TON-MILES OF SHIPMENTS--Continued	(millions of ton-miles)									
33	Primary metal products.....	143	100.0	81.5	8.0	2.8	-	7.3	0.4	-	-
34	Fabricated metal products.....	116	100.0	68.7	8.7	6.3	0.1	16.0	-	0.2	-
35	Machinery, except electrical.....	65	100.0	31.3	63.7	3.4	.4	.7	.5	-	-
355	Special industry machinery (except metalworking machinery).....	1	100.0	-	97.4	-	.6	-	1.7	.3	-
356	General industrial machinery and equipment.....	18	100.0	-	97.9	-	.1	.6	1.4	-	-
36	Electrical machinery and equipment.....	6	100.0	-	83.9	5.1	10.2	-	.8	-	-

¹Code letter indicates a sampling variability range as follows: a, 0-9 percent; b, 10-19 percent; c, 20-29 percent; and d, 30-50 percent. The variability for ton-miles has not been estimated.

TABLE 2. Percent Distribution of Commodities, by Distance of Shipment: 1967

TCC code	Commodity	Number	Percent distribution by distance of shipment								Sampling variability code ¹
			All distances	Under 100 miles	100 to 199 miles	200 to 299 miles	300 to 499 miles	500 to 999 miles	1,000 to 1,499 miles	1,500 miles or over	
	TONS OF SHIPMENTS	(thousands of tons)									
	Production Area 23, total.....	9,019	100.0	45.1	13.4	6.2	2.7	8.7	2.4	21.5	-
20	Food and kindred products.....	1,252	100.0	63.2	12.1	5.6	3.3	11.4	1.1	3.3	d
24	Lumber and wood products, except furniture.....	1,463	100.0	43.8	6.8	.6	.5	4.4	7.4	36.5	d
242	Lumber and dimension stock and miscellaneous sawmill and planing mill products.....	727	100.0	35.2	8.8	.7	-	6.5	11.0	37.8	d
2421	Lumber and dimension stock.....	727	100.0	35.2	8.8	.7	-	6.5	11.0	37.8	d
24211	Lumber.....	590	100.0	33.3	10.2	.8	.1	8.0	12.6	35.0	d
243	Millwork and prefabricated wood products, including plywood and veneer....	311	100.0	4.7	1.4	1.4	2.0	5.2	8.7	76.6	c
2432	Plywood, veneer, and built-up wood (except wood particle board).....	250	100.0	5.0	1.0	.6	2.0	4.0	7.6	79.8	c
24321	Plywood, veneer, and built-up wood (except wood particle board).....	250	100.0	5.0	1.0	.6	2.0	4.0	7.6	79.8	c
26	Pulp, paper, and allied products.....	1,982	100.0	11.0	7.8	1.0	.7	15.8	3.4	60.3	c
28	Chemicals and allied products.....	842	100.0	50.6	22.8	9.3	6.2	6.3	1.8	3.0	c
281	Industrial chemicals.....	683	100.0	55.1	21.3	7.1	5.7	6.2	1.0	3.6	c
2819	Miscellaneous industrial inorganic chemicals.....	127	100.0	70.9	23.2	-	-	1.4	.3	4.2	c
33	Primary metal products.....	335	100.0	49.0	10.4	11.6	6.1	7.1	.6	15.2	c
34	Fabricated metal products.....	244	100.0	33.3	10.1	3.2	.9	46.6	-	5.9	c
35	Machinery, except electrical.....	76	100.0	5.9	18.8	7.3	11.0	30.5	2.4	24.1	c
355	Special industry machinery (except metalworking machinery).....	1	100.0	14.2	2.6	2.6	43.8	20.7	-	16.1	c
356	General industrial machinery and equipment.....	11	100.0	4.4	1.1	.5	-	26.1	.3	67.6	c
36	Electrical machinery and equipment.....	6	100.0	8.2	4.5	5.1	9.3	31.7	-	40.8	c

See footnote at end of table.

TABLE 2. Percent Distribution of Commodities, by Distance of Shipment: 1967--Continued

TCC code	Commodity	Number	Percent distribution by distance of shipment								Sampling variability code ¹
			All distances	Under 100 miles	100 to 199 miles	200 to 299 miles	300 to 499 miles	500 to 999 miles	1,000 to 1,499 miles	1,500 miles or over	
	TON-MILES OF SHIPMENTS	(millions of ton-miles)									
	Production Area 23, total.....	5,552	100.0	3.1	3.0	2.4	1.6	11.1	5.0	73.8	-
20	Food and kindred products.....	278	100.0	8.0	7.6	6.0	5.8	38.0	5.6	29.0	-
24	Lumber and wood products, except furniture.....	1,329	100.0	1.4	1.0	.2	.2	4.1	10.8	82.3	-
242	Lumber and dimension stock and miscellaneous sawmill and planing mill products.....	722	100.0	1.1	1.2	.2	-	5.6	14.7	77.2	-
2421	Lumber and dimension stock.....	722	100.0	1.1	1.2	.2	-	5.6	14.7	77.2	-
24211	Lumber.....	575	100.0	1.1	1.4	.2	-	7.0	17.2	73.1	-
243	Millwork and prefabricated wood products, including plywood and veneer....	548	100.0	.1	.1	.2	.5	2.4	6.7	90.0	-
2432	Plywood, veneer, and built-up wood (except wood particle board).....	451	100.0	.1	.1	.1	.4	1.9	5.8	91.6	-
24321	Plywood, veneer, and built-up wood (except wood particle board).....	451	100.0	.1	.1	.1	.4	1.9	5.8	91.6	-
26	Pulp, paper, and allied products.....	2,984	100.0	.3	.7	.2	.2	9.0	3.0	86.6	-
28	Chemicals and allied products.....	201	100.0	12.4	12.7	10.0	9.9	20.1	7.8	27.1	-
281	Industrial chemicals.....	161	100.0	13.8	11.1	7.8	9.4	20.2	4.6	33.1	-
2819	Miscellaneous industrial inorganic chemicals.....	23	100.0	26.4	15.7	-	-	3.9	1.7	52.3	-
33	Primary metal products.....	143	100.0	3.7	3.2	6.4	5.6	11.6	1.6	67.9	-
34	Fabricated metal products.....	116	100.0	3.9	2.9	1.6	.7	66.5	-	24.4	-
35	Machinery, except electrical.....	65	100.0	.3	3.9	1.8	4.1	28.0	3.9	58.0	-
355	Special industry machinery (except metalworking machinery).....	1	100.0	1.0	.5	.9	23.0	17.7	-	56.9	-
356	General industrial machinery and equipment.....	18	100.0	.1	.1	.1	-	13.4	.2	86.1	-
36	Electrical machinery and equipment.....	6	100.0	.1	.7	1.1	3.4	20.5	.5	73.7	-

¹Code letter indicates a sampling variability range as follows: a, 0-9 percent; b, 10-19 percent; c, 20-29 percent; and d, 30-50 percent. The variability for ton-miles has not been estimated.

TABLE 3. Percent Distribution of Commodities, by Geographic Division of Destination: 1967

TCC code	Commodity	Number	Percent distribution by geographic division ¹ of destination											Sampling vari- ability code ³
			All means of trans- port	New Eng- land	Middle Atlantic	East North Central	West North Central	South Atlantic	East South Central	West South Central	Moun- tain	Paci- fic ²		
	TONS OF SHIPMENTS	(thous. of tons)												
	Production Area 23, total.....	9,019	100.0	0.9	8.7	6.6	2.0	1.7	0.5	1.3	4.2	74.1	-	
20	Food and kindred products.....	1,252	100.0	-	.2	.4	.7	.5	.2	.5	4.9	92.6	d	
24	Lumber and wood products, except furniture.....	1,463	100.0	3.2	6.2	9.5	9.2	5.4	2.0	5.5	2.8	56.2	d	
26	Pulp, paper, and allied products.....	1,982	100.0	1.8	34.6	20.6	1.2	2.5	.3	1.1	1.8	36.1	b	
28	Chemicals and allied products.....	842	100.0	-	-	.1	-	.6	-	-	13.9	85.4	c	
33	Primary metal products.....	335	100.0	-	1.1	9.0	.8	1.3	.7	1.0	8.9	77.2	c	
34	Fabricated metal products.....	244	100.0	-	-	-	-	-	-	-	3.0	97.0	d	
35	Machinery, except electrical.....	76	100.0	1.5	.7	7.1	2.1	6.8	2.4	5.2	28.5	45.7	d	
36	Electrical machinery and equipment.....	6	100.0	-	2.0	36.1	3.7	.8	1.0	.8	22.0	33.6	d	
	TON-MILES OF SHIPMENTS	(millions of ton-miles)												
	Production Area 23, total.....	5,552	100.0	3.7	33.4	19.1	4.8	6.2	1.6	3.8	3.7	23.7	-	
20	Food and kindred products.....	278	100.0	-	2.4	3.6	4.9	5.2	2.1	3.5	11.3	67.0	-	
24	Lumber and wood products, except furniture.....	1,329	100.0	8.7	15.9	18.9	15.0	13.5	4.5	10.9	2.8	9.8	-	
26	Pulp, paper, and allied products.....	2,984	100.0	2.9	54.3	24.1	1.1	3.7	.4	1.2	.8	11.5	-	
28	Chemicals and allied products.....	201	100.0	-	-	.6	-	5.5	-	-	24.7	69.2	-	
33	Primary metal products.....	143	100.0	-	6.0	38.4	3.0	6.5	3.4	4.3	9.7	28.7	-	
34	Fabricated metal products.....	116	100.0	-	.1	-	.1	-	-	-	3.4	96.4	-	
35	Machinery, except electrical.....	65	100.0	4.4	1.8	15.7	3.6	18.6	5.6	11.0	18.3	21.0	-	
36	Electrical machinery and equipment.....	6	100.0	.1	4.7	63.5	3.7	1.9	1.8	1.4	11.2	11.7	-	

¹States included in the geographic divisions are as follows: NEW ENGLAND-- Maine, New Hampshire, Vermont, Massachusetts, Rhode Island, and Connecticut; MIDDLE ATLANTIC--New York, New Jersey, and Pennsylvania; EAST NORTH CENTRAL--Ohio, Indiana, Illinois, Michigan, and Wisconsin; WEST NORTH CENTRAL--Minnesota, Iowa, Missouri, North Dakota, South Dakota, Nebraska, and Kansas; SOUTH ATLANTIC--Delaware, Maryland, District of Columbia, Virginia, West Virginia, North Carolina, South Carolina, Georgia, and Florida; EAST SOUTH CENTRAL--Kentucky, Tennessee, Alabama, and Mississippi; WEST SOUTH CENTRAL--Arkansas, Louisiana, Oklahoma, and Texas; MOUNTAIN--Montana, Idaho, Wyoming, Colorado, New Mexico, Arizona, Utah, and Nevada; PACIFIC--Washington, Oregon, California, Alaska, and Hawaii.

²Shipments to Alaska and Hawaii from the 48 conterminous States and the District of Columbia are included; no data were obtained for shipments originating in Alaska and Hawaii.

³Code letter indicates a sampling variability range as follows: a, 0-9 percent; b, 10-19 percent; c, 20-29 percent; and d, 30-50 percent. The variability for ton-miles has not been estimated.

TABLE 4. Percent Distribution of Commodities, by Production Area of Destination: 1967

TCC code	Commodity	Number	Percent distribution by production area ¹ of destination							
			Total	1 (BOST)	2 (HART)	3 (NYNY)	4 (N. NJ)	5 (PHIL)	6 (BALT)	7 (ALLN)
	TONS OF SHIPMENTS	(thousands of tons)								
	Production Area 23, total.....	9,019	100.0	0.9	0.2	0.3	0.3	5.2	0.1	-
20	Food and kindred products.....	1,252	100.0	-	-	-	-	.2	-	-
24	Lumber and wood products, except furniture.....	1,463	100.0	1.2	1.3	1.5	1.3	.6	.3	0.1
242	Lumber and dimension stock and miscellaneous sawmill and planing mill products.....	727	100.0	1.9	2.2	.3	2.2	.1	-	.3
2421	Lumber and dimension stock.....	727	100.0	1.9	2.2	.3	2.2	.1	-	.3
24211	Lumber.....	590	100.0	2.3	-	.3	.3	.1	-	.3
243	Millwork and prefabricated wood products, including plywood and veneer....	311	100.0	1.3	1.0	6.3	.8	2.6	1.2	-
2432	Plywood, veneer, and built-up wood (except wood particle board).....	250	100.0	1.1	1.3	7.8	.9	2.8	1.5	-
24321	Plywood, veneer, and built-up wood (except wood particle board).....	250	100.0	1.1	1.3	7.8	.9	2.8	1.5	-
26	Pulp, paper, and allied products.....	1,982	100.0	.1	.1	-	.4	23.0	-	-
28	Chemicals and allied products.....	842	100.0	-	-	-	-	-	-	-
281	Industrial chemicals.....	683	100.0	-	-	-	-	-	-	-
2819	Miscellaneous industrial inorganic chemicals.....	127	100.0	-	-	-	-	-	-	-
33	Primary metal products.....	335	100.0	-	-	-	.1	-	.4	-
34	Fabricated metal products.....	244	100.0	-	-	-	-	-	-	-
35	Machinery, except electrical.....	76	100.0	.7	.2	-	-	-	2.8	-
355	Special industry machinery (except metalworking machinery).....	1	100.0	11.9	-	-	-	-	-	-
356	General industrial machinery and equipment.....	11	100.0	3.4	1.2	.1	-	-	19.4	-
36	Electrical machinery and equipment.....	6	100.0	-	-	.1	-	-	.2	-
	TON-MILES OF SHIPMENTS	(millions of ton-miles)								
	Production Area 23, total.....	5,552	100.0	1.0	1.0	1.0	1.3	19.9	.3	.1
20	Food and kindred products.....	278	100.0	-	-	.1	.1	1.9	.1	-
24	Lumber and wood products, except furniture.....	1,329	100.0	3.3	3.5	3.9	3.4	1.5	.7	.3
242	Lumber and dimension stock and miscellaneous sawmill and planing mill products.....	722	100.0	4.7	5.3	.6	5.4	.2	-	.6
2421	Lumber and dimension stock.....	722	100.0	4.7	5.3	.6	5.4	.2	-	.6
24211	Lumber.....	575	100.0	5.9	.1	.8	.6	.2	-	.8
243	Millwork and prefabricated wood products, including plywood and veneer....	548	100.0	1.9	1.4	8.7	1.1	3.5	1.6	-
2432	Plywood, veneer, and built-up wood (except wood particle board).....	451	100.0	1.5	1.8	10.5	1.2	3.7	1.9	-
24321	Plywood, veneer, and built-up wood (except wood particle board).....	451	100.0	1.5	1.8	10.5	1.2	3.7	1.9	-
26	Pulp, paper, and allied products.....	2,984	100.0	.2	.2	-	.7	36.2	-	-
28	Chemicals and allied products.....	201	100.0	-	-	-	-	-	-	-
281	Industrial chemicals.....	161	100.0	-	-	-	-	-	-	-
2819	Miscellaneous industrial inorganic chemicals.....	23	100.0	-	-	-	-	-	-	-

See footnotes at end of table.

TABLE 4. Percent Distribution of Commodities, by Production Area of Destination: 1967--Continued

TCC code	Commodity	Percent distribution by production area ¹ of destination--Continued									
		8 (HARR)	9 (SYRA)	10 (BUFF)	11 (CLEV)	12 (PITT)	13 (DETR)	14 (CINC)	15 (CHIC)	16 (MILW)	17 (M-SP)
	TON OF SHIPMENTS										
	Production Area 23, total.....	0.1	0.1	0.1	0.1	0.1	1.9	0.1	0.5	0.1	0.3
20	Food and kindred products.....	-	-	-	-	-	-	-	-	-	-
24	Lumber and wood products, except furniture.....	.5	.1	.5	.6	.5	1.0	.5	2.1	.1	1.6
242	Lumber and dimension stock and miscellaneous sawmill and planing mill products.....	.5	-	.3	1.1	.9	1.3	.5	1.0	-	2.4
2421	Lumber and dimension stock.....	.5	-	.3	1.1	.9	1.3	.5	1.0	-	2.4
24211	Lumber.....	.7	-	.4	1.3	1.1	1.6	.7	.8	-	2.9
243	Millwork and prefabricated wood products, including plywood and veneer...	1.0	.3	1.7	.2	.3	1.5	1.0	7.3	.5	2.1
2432	Plywood, veneer, and built-up wood (except wood particle board).....	1.2	.4	2.0	-	.3	1.3	.5	8.9	.6	2.6
24321	Plywood, veneer, and built-up wood (except wood particle board).....	1.2	.4	2.0	-	.3	1.3	.5	8.9	.6	2.6
26	Pulp, paper, and allied products.....	-	.4	.2	-	-	7.8	.1	.2	.1	.3
28	Chemicals and allied products.....	-	-	-	-	-	-	-	-	-	-
281	Industrial chemicals.....	-	-	-	-	-	-	-	-	-	-
2819	Miscellaneous industrial inorganic chemicals.....	-	-	-	.2	-	-	-	-	-	-
33	Primary metal products.....	-	-	-	-	-	-	.2	4.2	.4	-
34	Fabricated metal products.....	-	-	-	-	-	-	-	-	-	-
35	Machinery, except electrical.....	-	.1	.1	-	.1	1.0	-	-	.1	-
355	Special industry machinery (except metalworking machinery).....	-	-	-	.4	-	-	-	.2	-	-
356	General industrial machinery and equipment.....	.1	.5	-	-	-	-	-	-	.4	-
36	Electrical machinery and equipment....	-	-	-	-	-	.1	-	.9	-	.2
	TON-MILES OF SHIPMENTS										
	Production Area 23, total.....	.3	.3	.5	.4	.3	5.9	.4	1.5	.2	.8
20	Food and kindred products.....	-	-	-	.2	-	.2	.2	.2	-	.1
24	Lumber and wood products, except furniture.....	1.2	.2	1.2	1.3	1.1	2.1	1.0	3.9	.2	2.5
242	Lumber and dimension stock and miscellaneous sawmill and planing mill products.....	1.2	-	.6	2.3	1.9	2.6	1.0	1.7	-	3.3
2421	Lumber and dimension stock.....	1.2	-	.6	2.3	1.9	2.6	1.0	1.7	-	3.3
24211	Lumber.....	1.5	-	.8	2.8	2.3	3.2	1.3	1.4	-	4.2
243	Millwork and prefabricated wood products, including plywood and veneer...	1.3	.4	2.0	.2	.3	1.6	1.1	7.2	.5	1.7
2432	Plywood, veneer, and built-up wood (except wood particle board).....	1.6	.5	2.5	-	.4	1.4	.6	8.5	.5	2.3
24321	Plywood, veneer, and built-up wood (except wood particle board).....	1.6	.5	2.5	-	.4	1.4	.6	8.5	.5	2.0
26	Pulp, paper, and allied products.....	-	.5	.3	-	-	10.0	.2	.2	.2	.3
28	Chemicals and allied products.....	-	-	-	.3	-	-	-	-	.3	-
281	Industrial chemicals.....	-	-	-	.4	-	-	-	-	-	-
2819	Miscellaneous industrial inorganic chemicals.....	-	-	-	2.6	-	-	-	-	-	-

See footnotes at end of table.

TABLE 4. Percent Distribution of Commodities, by Production Area of Destination: 1967--Continued

TCC code	Commodity	Percent distribution by production area ¹ of destination--Continued									Sampling variability code ³
		18 (STLO)	19 (ATLA)	20 (DALL)	21 (HOUS)	22 (DENV)	23 ² (SETL)	24 (SANF)	25 (LOSA)	All other	
	TONS OF SHIPMENTS										
	Production Area 23, total.....	0.2	0.2	0.1	0.1	0.2	27.9	2.8	3.4	55.4	-
20	Food and kindred products.....	.1	-	.1	-	-	55.2	5.1	2.5	36.8	d
24	Lumber and wood products, except furniture.....	.8	.9	.4	.4	.5	39.0	.2	2.0	42.0	d
242	Lumber and dimension stock and miscellaneous sawmill and planing mill products.....	.9	.8	.5	.3	.6	28.4	-	2.8	50.7	d
2421	Lumber and dimension stock.....	.9	.8	.5	.3	.6	28.4	-	2.8	50.7	d
24211	Lumber.....	1.1	1.0	.7	.3	.7	25.8	-	3.4	54.2	d
243	Millwork and prefabricated wood products, including plywood and veneer....	1.6	2.3	.5	1.3	.8	3.7	.9	2.7	57.1	d
2432	Plywood, veneer, and built-up wood (except wood particle board).....	1.4	1.2	.4	1.3	.4	3.9	.6	2.4	55.2	d
24321	Plywood, veneer, and built-up wood (except wood particle board).....	1.4	1.2	.4	1.3	.4	3.9	.6	2.4	55.2	d
26	Pulp, paper, and allied products.....	-	-	.2	-	.3	8.4	2.9	10.3	45.2	b
28	Chemicals and allied products.....	-	-	-	-	.7	24.3	.9	2.6	71.5	c
281	Industrial chemicals.....	-	-	-	-	.6	26.7	.6	2.8	69.3	b
2819	Miscellaneous industrial inorganic chemicals.....	-	-	-	-	.3	15.6	-	-	83.9	d
33	Primary metal products.....	1.7	-	-	-	.4	37.9	2.1	2.0	50.6	c
34	Fabricated metal products.....	-	-	-	-	-	9.0	43.6	.1	47.3	d
35	Machinery, except electrical.....	.1	-	-	-	-	3.9	.8	10.3	79.8	d
355	Special industry machinery (except metalworking machinery).....	-	.2	-	-	-	9.0	.2	.5	77.6	d
356	General industrial machinery and equipment.....	-	-	-	-	-	4.4	3.8	4.0	62.7	d
36	Electrical machinery and equipment.....	-	-	-	-	-	7.5	4.1	4.1	82.8	d
	TON-MILES OF SHIPMENTS										
	Production Area 23, total.....	.6	.5	.3	.2	.4	1.2	3.1	5.3	53.2	-
20	Food and kindred products.....	.4	.1	.8	-	.1	5.8	15.4	10.8	63.5	-
24	Lumber and wood products, except furniture.....	1.5	2.1	.7	.8	.5	1.2	.1	2.1	59.7	-
242	Lumber and dimension stock and miscellaneous sawmill and planing mill products.....	1.6	1.8	.9	.5	.6	.8	-	2.7	59.7	-
2421	Lumber and dimension stock.....	1.6	1.8	.9	.5	.6	.8	-	2.7	59.7	-
24211	Lumber.....	2.0	2.2	1.1	.6	.7	.7	-	3.4	63.4	-
243	Millwork and prefabricated wood products, including plywood and veneer....	1.5	2.8	.5	1.4	.5	.1	.3	1.5	56.9	-
2432	Plywood, veneer, and built-up wood (except wood particle board).....	1.4	1.5	.4	1.4	.2	.1	.2	1.3	54.9	-
24321	Plywood, veneer, and built-up wood (except wood particle board).....	1.4	1.5	.4	1.4	.2	.1	.2	1.3	54.9	-
26	Pulp, paper, and allied products.....	-	-	.2	-	.2	.2	1.3	6.6	42.5	-
28	Chemicals and allied products.....	-	-	-	-	2.9	4.3	2.5	10.3	79.4	-
281	Industrial chemicals.....	-	-	-	-	2.7	4.9	1.6	11.1	79.3	-
2819	Miscellaneous industrial inorganic chemicals.....	-	-	-	-	1.7	2.2	.1	-	93.4	-

See footnotes at end of table.

TABLE 4. Percent Distribution of Commodities, by Production Area of Destination: 1967 --Continued

TCC code	Commodity	Number	Percent distribution by production area ¹ of destination									
			Total	1 (BOST)	2 (HART)	3 (NYNY)	4 (N. NJ)	5 (PHIL)	6 (BALT)	7 (ALLN)		
	TON-MILES OF SHIPMENTS--Continued	(millions of ton-miles)										
33	Primary metal products.....	143	100.0	-	-	-	0.3	-	2.2	-		
34	Fabricated metal products.....	116	100.0	-	-	0.1	-	-	-	-		
35	Machinery, except electrical.....	65	100.0	2.0	0.5	.1	-	-	7.7	0.1		
355	Special industry machinery (except metalworking machinery).....	1	100.0	43.8	-	-	-	-	-	-		
356	General industrial machinery and equipment.....	18	100.0	5.2	1.9	.1	-	-	28.2	-		
36	Electrical machinery and equipment.....	6	100.0	-	-	.2	-	-	.5	-		
TCC code	Commodity	Percent distribution by production area ¹ of destination--Continued										
		8 (HARR)	9 (SYRA)	10 (BUFF)	11 (CLEV)	12 (PITT)	13 (DETR)	14 (CINC)	15 (CHIC)	16 (MILW)	17 (M-SP)	
	TON-MILES OF SHIPMENTS--Continued											
33	Primary metal products.....	-	-	-	0.1	-	-	0.8	17.0	1.7	-	
34	Fabricated metal products.....	-	-	-	-	-	-	-	-	-	-	
35	Machinery, except electrical.....	0.1	0.3	0.1	-	0.3	2.3	-	-	.1	-	
355	Special industry machinery (except metalworking machinery).....	-	-	-	1.1	-	-	-	.6	-	-	
356	General industrial machinery and equipment.....	.1	.6	-	-	-	-	-	-	.4	-	
36	Electrical machinery and equipment.....	-	-	-	-	-	.2	-	1.6	-	0.2	
TCC code	Commodity	Percent distribution by production area ¹ of destination--Continued										Sampling vari- ability code ³
		18 (STLO)	19 (ATLA)	20 (DALL)	21 (HOUS)	22 (DENV)	23 ² (SETL)	24 (SANF)	25 (LOSA)	All other		
	TON-MILES OF SHIPMENTS--Continued											
33	Primary metal products.....	7.0	-	-	-	1.0	1.8	3.1	4.4	60.6	-	
34	Fabricated metal products.....	-	-	-	-	-	.4	63.0	.2	36.3	-	
35	Machinery, except electrical.....	.1	-	-	-	-	.1	.7	11.6	73.9	-	
355	Special industry machinery (except metalworking machinery).....	.1	0.7	-	-	-	.4	.2	.7	52.4	-	
356	General industrial machinery and equipment.....	-	-	-	-	-	.1	1.6	2.5	59.3	-	
36	Electrical machinery and equipment.....	-	-	-	-	-	.1	2.8	3.7	90.7	-	

¹Designations below the area numbers are used to help identify the area. Descriptions of production areas appear on page 4.

²Includes only those shipments that originated in one city in this area and terminated in another city in this area. Does not include shipments originating and terminating in the same city.

³Code letter indicates a sampling variability range as follows: a, 0-9 percent; b, 10-19 percent; c, 20-29 percent; and d, 30-50 percent. The variability for ton-miles has not been estimated.

PRODUCTION AREA 24

Consists of three Standard Metropolitan Statistical Areas:
San Francisco-Oakland, Calif.; Vallejo-Napa, Calif.; and San
Jose, Calif.

SUMMARY

The estimates of tons and ton-miles are based on reports from a sample of shipments by approximately 298 manufacturing establishments located in this production area. The total tons and ton-miles represent the total inter-city shipments by essentially all manufacturing establishments in the area, except for plants with less than 20 employees. However, since the data are based on a sample, the estimates necessarily are subject to "sampling variability."

The approximate degree of sampling variability for tons for each commodity or commodity class is indicated in the last column of tables 1 to 4. In general, most of the commodity data in this report are subject to substantial sampling variability and should be treated as approximate rather than precise measures.

About 26.8 million tons of commodities were shipped by plants in this area to destinations beyond the local area. These shipments generated 10.7 billion ton-miles by all means of transport combined, and averaged about 398 straight-line miles per ton shipped.

Motor carriers are the major means of transport, hauling one-third of the total tons. When measured in terms of ton-miles, rather than tons, the rails become dominant and account for 53 percent of the total.

As shown in tables A, B, and C, petroleum and coal products, as a result of their large volume and unusual traffic pattern, have a marked influence on the distribution of shipments. Consequently, two totals are shown: (1) All commodities combined, and (2) the total exclusive of petroleum and coal products. The influence of these products is most evident in connection with shipments by water, as measured by both tons and ton-miles (see table A).

Comparisons between 1967 and 1963 data are presented in tables A through D. The 1967 survey is comparable with 1963, except for the exclusion from the survey, in 1967, of plants with less than 20 employees. Nationally, those plants accounted for only 4 percent of the total tons originated in the 1963 survey.

**Table A. PERCENT DISTRIBUTION OF SHIPMENTS
BY MEANS OF TRANSPORT**

Means of transport	All commodities		All commodities except petroleum and coal products	
	1967	1963	1967	1963
Tons of shipments.....millions..	26.8	36.0	17.0	21.5
Ton-miles.....billions..	10.7	13.3	7.7	10.3
TONS OF SHIPMENTS				
Percent distribution				
All means of transport.....	100.0	100.0	100.0	100.0
Rail.....	23.6	27.5	34.3	42.9
Motor carrier.....	33.1	25.7	45.7	34.7
Private truck.....	13.7	15.4	18.6	19.7
Air.....	.1	-	.1	.1
Water.....	29.4	30.5	1.1	2.0
Other.....	.1	.9	.2	.6
TON-MILES				
All means of transport.....	100.0	100.0	100.0	100.0
Rail.....	52.6	61.8	68.9	76.6
Motor carrier.....	17.0	14.1	22.1	16.4
Private truck.....	3.8	3.7	4.6	3.9
Air.....	.2	.2	.3	.3
Water.....	26.4	19.9	4.0	2.4
Other.....	-	.3	.1	.4

Note: Ton-miles are the product of weight times distance on a straight-line distance basis.

**Table C. PERCENT DISTRIBUTION OF SHIPMENTS
BY DISTANCE OF SHIPMENT**

Distance shipped	All commodities		All commodities except petroleum and coal products	
	1967	1963	1967	1963
TONS OF SHIPMENTS				
All distances.....	100.0	100.0	100.0	100.0
Under 100 miles.....	48.4	54.2	48.0	48.7
100 to 199 miles.....	4.4	10.3	5.5	12.9
200 to 299 miles.....	2.8	4.0	3.0	2.9
300 to 499 miles.....	15.4	7.5	18.1	11.2
500 to 999 miles.....	19.3	13.4	10.9	6.9
1,000 to 1,499 miles.....	1.8	1.5	2.8	2.5
1,500 miles and over.....	7.9	9.1	11.7	14.9

**Table B. AVERAGE LENGTH OF HAUL
BY MEANS OF TRANSPORT**

(Straight-line miles)

Means of transport	All commodities		All commodities except petroleum and coal products	
	1967	1963	1967	1963
All means of transport.....	398	369	453	480
Rail.....	883	828	908	855
Motor carrier.....	205	203	219	227
Private truck.....	109	89	112	96

Note: Average length of haul is based on straight-line miles from plant to customer or redistribution point, weighted by tonnage shipped (i.e., ton-miles divided by tons). Rail short-line and highway direct-route distances average about 24 and 21 percent, respectively, longer than straight-line distances.

**Table D. PERCENT DISTRIBUTION OF SHIPMENTS
BY AREA OF DESTINATION**

Area of destination	1967	1963
Tons of shipments.....thousands..	26,781	36,009
Ton-miles.....millions..	10,652	13,261
TONS OF SHIPMENTS		
Percent distribution		
All areas.....	100.0	100.0
Production Area 24 ¹	33.3	30.5
Other production areas.....	29.6	14.5
All other areas.....	37.1	55.0
TON-MILES		
All areas.....	100.0	100.0
Production Area 24 ¹	1.0	2.2
Other production areas.....	55.5	57.5
All other areas.....	43.6	40.3

¹Includes only those shipments that originated in one city in this area and terminated in another city in this area.

TABLE 1. Percent Distribution of Commodities, by Means of Transport: 1967

TCC code	Commodity	Number	Percent distribution by means of transport								Sampling variability code ¹
			All means of transport	Rail	Motor carrier	Private truck	Air	Water	Other	Unknown	
	TONS OF SHIPMENTS	(thousands of tons)									
	Production Area 24, total.....	26,781	100.0	23.6	33.1	13.7	0.1	29.4	-	0.1	-
20	Food and kindred products.....	6,235	100.0	48.1	36.0	14.7	-	1.1	-	.1	c
201	Meat, poultry, and small game; fresh, chilled or frozen.....	154	100.0	4.4	14.3	80.9	-	.1	-	.3	d
2013	Meat products.....	47	100.0	6.9	42.3	50.5	-	.3	-	-	d
203	Canned and preserved fruits, vegetables, and seafoods.....	1,760	100.0	66.2	22.8	8.5	-	2.3	-	.2	b
2033	Canned fruits and vegetables.....	1,093	100.0	65.9	22.2	8.6	-	3.1	-	.2	b
20331	Canned fruits.....	584	100.0	62.3	27.4	5.7	-	4.3	-	.3	c
20332	Canned vegetables.....	181	100.0	55.8	23.4	20.8	-	-	-	-	d
20336	Catsup and other tomato sauces.....	132	100.0	66.1	19.2	9.5	-	5.2	-	-	c
2034	Dried or dehydrated fruits and vegetables and soup mixes.....	149	100.0	48.4	46.5	3.7	-	.2	-	1.2	d
208	Beverages and flavoring extracts.....	1,046	100.0	21.6	29.3	47.9	-	1.0	-	.2	b
2084	Wines, brandy, and brandy spirits.....	112	100.0	45.5	37.6	14.5	-	2.4	-	-	d
20841	Wines, brandy, and brandy spirits.....	112	100.0	45.5	37.6	14.5	-	2.4	-	-	d
2086	Bottled and canned soft drinks and carbonated, mineral, and plain waters....	322	100.0	1.3	.6	98.1	-	-	-	-	d
20861	Bottled and canned soft drinks and carbonated, mineral, and plain waters....	322	100.0	1.3	.6	98.1	-	-	-	-	d
25	Furniture and fixtures.....	31	100.0	-	45.7	53.4	.1	.1	-	.7	d
26	Pulp, paper, and allied products.....	1,135	100.0	37.5	44.7	17.3	-	.5	-	-	b
263	Paperboard, fiberboard, and pulpboard (except insulating board).....	365	100.0	56.4	31.9	11.1	-	.6	-	-	c
2631	Paperboard, fiberboard, and pulpboard (except insulating board).....	365	100.0	56.4	31.9	11.1	-	.6	-	-	c
26311	Paperboard, fiberboard, and pulpboard (except insulating board).....	365	100.0	56.4	31.9	11.1	-	.6	-	-	c
264	Converted paper and paperboard products (except containers and boxes).....	342	100.0	28.8	46.3	24.5	-	.4	-	-	d
265	Containers, boxes and related products, paperboard, fiberboard, and pulpboard.	323	100.0	18.6	66.1	14.7	-	.6	-	-	d
2651	Containers, boxes, baskets, pallets and skids, paperboard, fiberboard, pulpboard.....	278	100.0	20.0	62.7	16.6	-	.7	-	-	d
26511	Containers and boxes, paperboard, fiberboard, and pulpboard.....	255	100.0	21.6	59.7	18.0	-	.7	-	-	d
28	Chemicals and allied products.....	3,090	100.0	26.5	54.9	18.0	-	.3	-	.3	c
281	Industrial chemicals.....	1,324	100.0	25.1	58.5	15.8	-	-	-	.6	d
28139	Industrial gases, n.e.c.....	87	100.0	8.4	1.8	89.8	-	-	-	-	c
2819	Miscellaneous industrial inorganic chemicals.....	960	100.0	25.9	62.2	11.1	-	-	-	.8	d
285	Paints, varnishes, lacquers, enamels, and allied products.....	178	100.0	-	88.7	10.8	-	.4	-	.1	d
2851	Paints, varnishes, lacquers, enamels, and allied products.....	178	100.0	-	88.7	10.8	-	.4	-	.1	d
28511	Paints, varnishes, lacquers, enamels, and shellacs.....	155	100.0	-	90.2	9.3	-	.4	-	.1	d
29	Petroleum and coal products.....	9,815	100.0	5.2	11.3	5.3	-	78.2	-	-	d
295	Paving and rooding materials.....	476	100.0	10.3	84.2	3.4	-	1.7	0.1	.3	d
2952	Asphalt felt and coatings.....	360	100.0	13.6	79.4	4.3	-	2.3	-	.4	d
32	Stone, clay, and glass products.....	2,676	100.0	8.0	49.9	40.2	-	1.9	-	-	c
322	Glass and glassware, pressed and blown.	413	100.0	3.8	76.8	18.5	-	.9	-	-	d
327	Concrete, gypsum, plaster, and plaster products.....	672	100.0	25.6	48.2	23.1	-	3.1	-	-	d
33	Primary metal products.....	1,652	100.0	34.2	57.2	6.3	-	2.3	-	-	b
33127	Tin mill products.....	310	100.0	47.2	50.3	2.5	-	-	-	-	b

See footnote at end of table.

TABLE 1. Percent Distribution of Commodities, by Means of Transport: 1967--Continued

TCC code	Commodity	Number	Percent distribution by means of transport								Sampling variability code ¹
			All means of transport	Rail	Motor carrier	Private truck	Air	Water	Other	Unknown	
	TONS OF SHIPMENTS--Continued	(thousands of tons)									
34	Fabricated metal products.....	1,100	100.0	36.8	42.5	20.6	-	0.1	-	-	b
341	Metal cans.....	282	100.0	14.3	45.4	40.1	-	.2	-	-	a
3411	Metal cans.....	282	100.0	14.3	45.4	40.1	-	.2	-	-	a
34111	Metal cans.....	282	100.0	14.3	45.4	40.1	-	.2	-	-	a
344	Structural and miscellaneous metal products.....	385	100.0	4.8	68.9	26.3	-	-	-	-	d
3441	Structural metal products.....	203	100.0	8.8	85.5	5.7	-	-	-	-	d
35	Machinery, except electrical.....	92	100.0	2.7	92.8	.9	2.9	.5	0.2	-	b
366	Communication equipment.....	5	100.0	26.3	53.2	.5	13.6	-	6.2	0.2	d
367	Electronic components or accessories...	16	100.0	.1	53.2	1.5	44.9	-	.3	-	d
	TON-MILES OF SHIPMENTS	(millions of ton-miles)									
	Production Area 24, total.....	10,652	100.0	52.6	17.0	3.8	.2	26.4	-	-	-
20	Food and kindred products.....	4,055	100.0	83.0	11.4	2.5	-	3.0	-	.1	-
201	Meat, poultry, and small game; fresh, chilled or frozen.....	19	100.0	44.3	23.9	30.0	-	1.7	-	.1	-
2013	Meat products.....	9	100.0	25.8	49.4	21.1	-	3.7	-	-	-
203	Canned and preserved fruits, vegetables, and seafoods.....	2,345	100.0	87.5	8.4	1.5	-	2.5	-	.1	-
2033	Canned fruits and vegetables.....	1,374	100.0	91.2	4.1	1.2	-	3.3	-	.2	-
20331	Canned fruits.....	621	100.0	90.3	4.0	1.6	-	3.7	-	.4	-
20332	Canned vegetables.....	210	100.0	91.2	6.8	2.0	-	-	-	-	-
20336	Catsup and other tomato sauces.....	173	100.0	84.6	5.5	.4	-	9.5	-	-	-
2034	Dried or dehydrated fruits and vegetables and soup mixes.....	249	100.0	62.3	36.6	1.0	-	-	-	.1	-
208	Beverages and flavoring extracts.....	345	100.0	55.3	23.6	14.6	-	6.4	-	.1	-
2084	Wines, brandy, and brandy spirits.....	125	100.0	79.5	9.0	6.4	-	5.1	-	-	-
20841	Wines, brandy, and brandy spirits.....	125	100.0	79.5	9.0	6.4	-	5.1	-	-	-
2086	Bottled and canned soft drinks and carbonated, mineral, and plain waters....	12	100.0	35.3	.7	64.0	-	-	-	-	-
20861	Bottled and canned soft drinks and carbonated, mineral, and plain waters....	12	100.0	35.3	.7	64.0	-	-	-	-	-
25	Furniture and fixtures.....	14	100.0	-	76.0	21.4	.3	.3	-	2.0	-
26	Pulp, paper, and allied products.....	369	100.0	58.0	29.4	8.9	.1	3.6	-	-	-
263	Paperboard, fiberboard, and pulpboard (except insulating board).....	121	100.0	75.0	18.7	1.7	-	4.6	-	-	-
2631	Paperboard, fiberboard, and pulpboard (except insulating board).....	121	100.0	75.0	18.7	1.7	-	4.6	-	-	-
26311	Paperboard, fiberboard, and pulpboard (except insulating board).....	121	100.0	75.0	18.7	1.7	-	4.6	-	-	-
264	Converted paper and paperboard products (except containers and boxes).....	160	100.0	52.4	30.9	14.8	-	1.9	-	-	-
265	Containers, boxes and related products, paperboard, fiberboard, and pulpboard.	54	100.0	30.1	56.4	5.2	-	8.3	-	-	-
2651	Containers, boxes, baskets, pallets and skids, paperboard, fiberboard, pulpboard.....	43	100.0	32.4	51.9	5.3	-	10.4	-	-	-
26511	Containers and boxes, paperboard, fiberboard, and pulpboard.....	38	100.0	35.6	46.6	6.0	-	11.8	-	-	-
28	Chemicals and allied products.....	815	100.0	44.5	41.0	11.5	-	3.0	-	-	-
281	Industrial chemicals.....	210	100.0	38.7	39.2	21.7	-	.3	-	.1	-
28139	Industrial gases, n.e.c.....	5	100.0	25.6	2.5	71.9	-	-	-	-	-
2819	Miscellaneous industrial inorganic chemicals.....	152	100.0	36.2	37.1	26.1	-	.4	-	.2	-

See footnote at end of table.

TABLE 1. Percent Distribution of Commodities, by Means of Transport: 1967--Continued

TCC code	Commodity	Number	Percent distribution by means of transport								Sampling variability code ¹
			All means of transport	Rail	Motor carrier	Private truck	Air	Water	Other	Unknown	
	TON-MILES OF SHIPMENTS--Continued	(millions of ton-miles)									
285	Paints, varnishes, lacquers, enamels, and allied products.....	66	100.0	-	96.7	1.0	0.2	2.0	-	0.1	-
2851	Paints, varnishes, lacquers, enamels, and allied products.....	66	100.0	-	96.7	1.0	.2	2.0	-	.1	-
28511	Paints, varnishes, lacquers, enamels, and shellacs.....	57	100.0	-	96.7	.7	.2	2.3	-	.1	-
29	Petroleum and coal products.....	2,973	100.0	10.2	3.9	1.6	-	84.3	-	-	-
295	Paving and roofing materials.....	87	100.0	29.1	47.3	.8	-	22.6	0.1	.1	-
2952	Asphalt felt and coatings.....	76	100.0	33.5	39.4	.9	-	26.1	-	.1	-
32	Stone, clay, and glass products.....	295	100.0	17.2	48.2	20.9	-	13.7	-	-	-
322	Glass and glassware, pressed and blown.	59	100.0	14.4	63.1	7.0	-	15.5	-	-	-
327	Concrete, gypsum, plaster, and plaster products.....	100	100.0	24.2	41.6	5.7	.1	28.4	-	-	-
33	Primary metal products.....	867	100.0	54.1	31.3	4.0	-	10.6	-	-	-
33127	Tin mill products.....	87	100.0	76.3	22.5	1.2	-	-	-	-	-
34	Fabricated metal products.....	704	100.0	82.8	13.6	3.3	-	.3	-	-	-
341	Metal cans.....	55	100.0	40.4	37.2	19.8	-	2.5	-	.1	-
3411	Metal cans.....	55	100.0	40.4	37.2	19.8	-	2.5	-	.1	-
34111	Metal cans.....	55	100.0	40.4	37.2	19.8	-	2.5	-	.1	-
344	Structural and miscellaneous metal products.....	78	100.0	11.4	73.8	14.8	-	-	-	-	-
3441	Structural metal products.....	25	100.0	28.1	67.0	4.9	-	-	-	-	-
35	Machinery, except electrical.....	130	100.0	3.3	91.4	-	4.3	.8	.2	-	-
366	Communication equipment.....	9	100.0	30.0	48.9	-	15.5	-	5.6	-	-
367	Electronic components or accessories...	18	100.0	.1	33.1	-	66.4	-	.4	-	-

¹Code letter indicates a sampling variability range as follows: a, 0-9 percent; b, 10-19 percent; c, 20-29 percent; and d, 30-50 percent. The variability for ton-miles has not been estimated.

TABLE 2. Percent Distribution of Commodities, by Distance of Shipment: 1967

TCC code	Commodity	Number	Percent distribution by distance of shipment								Sampling variability code ¹
			All distances	Under 100 miles	100 to 199 miles	200 to 299 miles	300 to 499 miles	500 to 999 miles	1,000 to 1,499 miles	1,500 miles or over	
	TONS OF SHIPMENTS	(thousands of tons)									
	Production Area 24, total.....	26,781	100.0	48.4	4.4	2.8	15.4	19.3	1.8	7.9	-
20	Food and kindred products.....	6,235	100.0	43.7	4.1	2.2	14.9	10.0	4.2	20.9	c
201	Meat, poultry, and small game; fresh chilled, or frozen.....	154	100.0	79.7	4.8	3.8	6.9	2.4	-	2.4	d
2013	Meat products.....	47	100.0	58.8	8.1	2.5	22.4	7.9	-	.3	d
203	Canned and preserved fruits, vegetables, and seafoods.....	1,760	100.0	19.3	1.1	.9	9.5	9.0	9.9	50.3	b
2033	Canned fruits and vegetables.....	1,093	100.0	24.9	1.1	.8	8.7	5.5	11.0	48.0	b
20331	Canned fruits.....	584	100.0	31.6	.6	1.3	9.4	6.3	9.6	41.2	c
20332	Canned vegetables.....	181	100.0	24.8	.1	.3	17.2	6.7	8.4	42.5	d
20336	Catsup and other tomato sauces.....	132	100.0	20.5	5.8	-	3.2	1.5	20.1	48.9	c
2034	Dried or dehydrated fruits and vegetables and soup mixes.....	149	100.0	12.8	1.5	1.9	5.0	3.8	3.5	71.5	d
208	Beverages and flavoring extracts.....	1,046	100.0	49.0	6.9	2.7	20.5	15.2	.5	5.2	b
2084	Wines, brandy, and brandy spirits.....	112	100.0	22.3	2.9	.8	16.8	13.6	3.4	40.2	d
20841	Wines, brandy, and brandy spirits.....	112	100.0	22.3	2.9	.8	16.8	13.6	3.4	40.2	d
2086	Bottled and canned soft drinks and carbonated, mineral, and plain waters....	322	100.0	95.7	2.0	1.0	.6	.1	.3	.3	d
20861	Bottled and canned soft drinks and carbonated, mineral, and plain waters....	322	100.0	95.7	2.0	1.0	.6	.1	.3	.3	d
25	Furniture and fixtures.....	31	100.0	54.5	3.6	.4	9.8	18.2	2.2	11.3	d
26	Pulp, paper, and allied products.....	1,135	100.0	40.4	4.5	5.3	29.8	15.5	1.8	2.7	b
263	Paperboard, fiberboard, and pulpboard (except insulating board).....	365	100.0	37.8	1.3	3.9	39.3	11.3	5.1	1.3	c
2631	Paperboard, fiberboard, and pulpboard (except insulating board).....	365	100.0	37.8	1.3	3.9	39.3	11.3	5.1	1.3	c
26311	Paperboard, fiberboard, and pulpboard (except insulating board).....	365	100.0	37.8	1.3	3.9	39.3	11.3	5.1	1.3	c
264	Converted paper and paperboard products (except containers and boxes).....	342	100.0	24.5	8.0	8.2	24.0	27.8	.6	6.9	d
265	Containers, boxes and related products, paperboard, fiberboard, and pulpboard.	323	100.0	65.0	5.4	4.4	18.9	5.6	-	.7	d
2651	Containers, boxes, baskets, pallets and skids, paperboard, fiberboard, pulpboard.....	278	100.0	69.3	5.1	5.1	15.2	4.5	-	.8	d
26511	Containers and boxes, paperboard, fiberboard, and pulpboard.....	255	100.0	71.0	4.9	5.5	14.9	2.9	-	.8	d
28	Chemicals and allied products.....	3,090	100.0	48.1	7.0	3.6	27.2	11.2	.1	2.8	c
281	Industrial chemicals.....	1,324	100.0	64.5	3.1	3.6	22.2	6.4	.1	.1	c
28139	Industrial gases, n.e.c.....	87	100.0	86.8	4.3	4.7	4.2	-	-	-	c
2819	Miscellaneous industrial inorganic chemicals.....	960	100.0	63.6	3.2	3.9	22.4	6.9	-	-	c
285	Paints, varnishes, lacquers, enamels, and allied products.....	178	100.0	23.0	4.1	4.0	35.9	31.7	.3	1.0	c
2851	Paints, varnishes, lacquers, enamels, and allied products.....	178	100.0	23.0	4.1	4.0	35.9	31.7	.3	1.0	c
28511	Paints, varnishes, lacquers, enamels, and shellacs.....	155	100.0	21.1	4.4	4.0	37.6	31.7	.3	.9	c
29	Petroleum and coal products.....	9,815	100.0	49.3	2.6	2.3	10.7	33.9	-	1.2	c
295	Paving and roofing materials.....	476	100.0	62.9	11.0	7.4	8.5	8.5	-	1.7	c
2952	Asphalt felt and coatings.....	360	100.0	60.2	9.4	6.7	10.2	11.2	-	2.3	c
32	Stone, clay, and glass products.....	2,676	100.0	79.7	8.3	2.7	5.6	2.9	-	.8	c
322	Glass and glassware, pressed and blown.	413	100.0	67.4	7.6	4.0	17.2	2.6	-	1.2	c
327	Concrete, gypsum, plaster, and plaster products.....	672	100.0	76.5	9.3	2.1	4.4	5.8	-	1.9	c
33	Primary metal products.....	1,652	100.0	33.4	1.7	3.3	27.2	18.8	6.5	9.1	c
33127	Tin mill products.....	310	100.0	55.4	-	-	18.7	22.7	-	1.1	c

See footnote at end of table.

TABLE 2. Percent Distribution of Commodities, by Distance of Shipment: 1967--Continued

TCC code	Commodity	Number	Percent distribution by distance of shipment								Sampling variability code ¹
			All distances	Under 100 miles	100 to 199 miles	200 to 299 miles	300 to 499 miles	500 to 999 miles	1,000 to 1,499 miles	1,500 miles or over	
	TONS OF SHIPMENTS--Continued	(thousands of tons)									
34	Fabricated metal products.....	1,100	100.0	44.2	5.1	3.3	9.6	8.2	4.3	25.3	b
341	Metal cans.....	282	100.0	70.9	3.2	1.0	15.2	6.8	-	2.9	a
3411	Metal cans.....	282	100.0	70.9	3.2	1.0	15.2	6.8	-	2.9	a
34111	Metal cans.....	282	100.0	70.9	3.2	1.0	15.2	6.8	-	2.9	a
344	Structural and miscellaneous metal products.....	385	100.0	61.0	10.0	8.1	9.3	9.0	.1	2.5	d
3441	Structural metal products.....	203	100.0	74.2	7.6	8.2	6.0	2.6	-	1.4	d
35	Machinery, except electrical.....	92	100.0	17.4	.9	1.8	10.8	10.1	1.7	57.3	b
366	Communication equipment.....	5	100.0	1.5	2.1	1.0	6.1	5.1	8.0	76.2	d
367	Electronic components or accessories...	16	100.0	45.9	.1	.4	4.6	4.6	2.3	42.1	d
	TON-MILES OF SHIPMENTS	(millions of ton-miles)									
	Production Area 24, total.....	10,652	100.0	4.2	1.8	1.7	13.8	31.3	6.2	41.0	-
20	Food and Kindred products.....	4,055	100.0	2.8	1.0	.9	8.5	10.6	9.2	67.0	-
201	Meat, poultry, and small game; fresh, chilled or frozen.....	19	100.0	18.9	5.1	7.0	21.5	13.4	-	34.1	-
2013	Meat products.....	9	100.0	11.5	6.5	2.9	46.4	29.0	-	3.7	-
203	Canned and preserved fruits, vegetables, and seafoods.....	2,345	100.0	.5	.1	.2	2.4	4.5	10.7	81.6	-
2033	Canned fruits and vegetables.....	1,374	100.0	.6	.1	.2	2.3	2.9	12.5	81.4	-
20331	Canned fruits.....	621	100.0	.9	.1	.4	2.8	3.9	12.8	79.1	-
20332	Canned vegetables.....	210	100.0	.9	-	.1	5.1	4.1	10.4	79.4	-
20336	Catsup and other tomato sauces.....	173	100.0	.5	.7	-	.8	.7	21.8	75.5	-
2034	Dried or dehydrated fruits and vegetables and soup mixes.....	249	100.0	.4	.1	.3	1.0	1.6	2.9	93.7	-
208	Beverages and flavoring extracts.....	345	100.0	4.6	3.2	1.9	22.0	30.9	1.9	35.5	-
2084	Wines, brandy, and brandy spirits.....	125	100.0	.9	.4	.2	5.0	9.3	4.2	80.0	-
20841	Wines, brandy, and brandy spirits.....	125	100.0	.9	.4	.2	5.0	9.3	4.2	80.0	-
2086	Bottled and canned soft drinks and carbonated, mineral, and plain waters....	12	100.0	52.6	6.3	5.8	5.9	1.4	12.0	16.0	-
20861	Bottled and canned soft drinks and carbonated, mineral, and plain waters....	12	100.0	52.6	6.3	5.8	5.9	1.4	12.0	16.0	-
25	Furniture and fixtures.....	14	100.0	5.3	1.2	.2	7.8	25.8	6.9	52.8	-
26	Pulp, paper, and allied products.....	369	100.0	4.4	2.2	3.8	31.9	32.3	8.1	17.3	-
263	Paperboard, fiberboard, and pulpboard (except insulating board).....	121	100.0	3.6	.6	2.7	39.3	23.4	22.3	8.1	-
2631	Paperboard, fiberboard, and pulpboard (except insulating board).....	121	100.0	3.6	.6	2.7	39.3	23.4	22.3	8.1	-
26311	Paperboard, fiberboard, and pulpboard (except insulating board).....	121	100.0	3.6	.6	2.7	39.3	23.4	22.3	8.1	-
264	Converted paper and paperboard products (except containers and boxes).....	160	100.0	2.0	2.8	4.3	17.8	41.5	1.8	29.8	-
265	Containers, boxes and related products, paperboard, fiberboard, and pulpboard.	54	100.0	14.6	5.4	5.8	44.7	20.3	-	9.2	-
2651	Containers, boxes, baskets, pallets and skids, paperboard, fiberboard, pulpboard.....	43	100.0	16.5	5.6	7.1	41.4	17.7	.1	11.6	-
26511	Containers and boxes, paperboard, fiberboard, and pulpboard.....	38	100.0	17.6	5.8	8.1	43.2	12.0	.1	13.2	-
28	Chemicals and allied products.....	815	100.0	5.6	4.2	3.1	37.2	26.4	.6	22.9	-
281	Industrial chemicals.....	210	100.0	11.3	3.3	5.3	53.4	25.0	.9	.8	-
28139	Industrial gases, n.e.c.....	5	100.0	47.7	11.2	18.5	22.6	-	-	-	-
2819	Miscellaneous industrial inorganic chemicals.....	152	100.0	9.9	3.4	5.7	54.5	26.1	-	.4	-

See footnote at end of table.

TABLE 2. Percent Distribution of Commodities, by Distance of Shipment: 1967--Continued

TCC code	Commodity	Number	Percent distribution by distance of shipment								Sampling variability code ¹
			All distances	Under 100 miles	100 to 199 miles	200 to 299 miles	300 to 499 miles	500 to 999 miles	1,000 to 1,499 miles	1,500 miles or over	
	TON-MILES OF SHIPMENTS--Continued	(millions of ton-miles)									
285	Paints, varnishes, lacquers, enamels, and allied products.....	66	100.0	2.5	1.6	2.5	34.9	51.3	1.2	6.0	-
2851	Paints, varnishes, lacquers, enamels, and allied products.....	66	100.0	2.5	1.6	2.5	34.9	51.3	1.2	6.0	-
28511	Paints, varnishes, lacquers, enamels, and shellacs.....	57	100.0	2.3	1.7	2.5	36.5	50.5	1.4	5.1	-
29	Petroleum and coal products.....	2,973	100.0	4.2	1.3	2.0	12.6	71.3	-	8.6	-
295	Paving and roofing materials.....	87	100.0	14.3	9.3	9.8	16.3	27.7	-	22.6	-
2952	Asphalt felt and coatings.....	76	100.0	10.4	6.9	7.7	17.1	31.8	-	26.1	-
32	Stone, clay, and glass products.....	295	100.0	30.9	12.0	5.4	17.5	17.0	-	17.2	-
322	Glass and glassware, pressed and blown.	59	100.0	16.5	8.3	6.0	40.6	10.0	-	18.6	-
327	Concrete, gypsum, plaster, and plaster products.....	100	100.0	19.4	9.9	3.2	10.7	25.1	-	31.7	-
33	Primary metal products.....	867	100.0	2.1	.5	1.4	18.1	22.7	17.3	37.9	-
33127	Tin mill products.....	87	100.0	6.8	-	-	22.9	47.0	-	23.3	-
34	Fabricated metal products.....	704	100.0	2.6	1.1	1.2	5.4	8.3	8.2	73.2	-
341	Metal cans.....	55	100.0	14.6	2.6	1.1	27.0	23.2	.2	31.3	-
3411	Metal cans.....	55	100.0	14.6	2.6	1.1	27.0	23.2	.2	31.3	-
34111	Metal cans.....	55	100.0	14.6	2.6	1.1	27.0	23.2	.2	31.3	-
344	Structural and miscellaneous metal products.....	78	100.0	10.5	6.8	9.5	17.7	29.4	.9	25.2	-
3441	Structural metal products.....	25	100.0	22.6	8.7	14.5	17.9	12.2	-	24.1	-
35	Machinery, except electrical.....	130	100.0	.6	.1	.3	2.8	4.8	1.7	89.7	-
366	Communication equipment.....	9	100.0	-	.2	.1	1.3	2.3	6.0	90.1	-
367	Electronic components or accessories...	18	100.0	1.4	-	.1	1.3	2.9	3.0	91.3	-

¹Code letter indicates a sampling variability range as follows: a, 0-9 percent; b, 10-19 percent; c, 20-29 percent; and d, 30-50 percent. The variability for ton-miles has not been estimated.

TABLE 3. Percent Distribution of Commodities, by Geographic Division of Destination: 1967

TCC code	Commodity	Number	Percent distribution by geographic division ¹ of destination										Sampling variability code ³
			All means of transport	New England	Middle Atlantic	East North Central	West North Central	South Atlantic	East South Central	West South Central	Mountain	Pacific ²	
	TONS OF SHIPMENTS	(thous. of tons)											
	Production Area 24, total.....	26,781	100.0	0.3	1.6	2.7	1.6	0.5	0.8	1.7	3.6	87.2	-
20	Food and kindred products.....	6,235	100.0	.9	5.3	8.1	4.7	1.7	1.2	2.7	6.1	69.3	c
25	Furniture and fixtures.....	31	100.0	.3	2.6	3.6	1.6	1.7	.6	3.1	6.3	80.2	d
26	Pulp, paper, and allied products.....	1,135	100.0	-	.2	1.5	.3	.4	-	1.7	7.0	88.9	b
28	Chemicals and allied products.....	3,090	100.0	.1	.2	1.5	.2	-	-	.6	4.1	93.3	c
29	Petroleum and coal products.....	9,815	100.0	.1	.1	.7	-	-	-	.1	.9	98.1	d
32	Stone, clay, and glass products.....	2,676	100.0	-	.1	-	-	-	-	-	1.7	98.2	c
33	Primary metal products.....	1,652	100.0	.1	2.1	3.4	4.4	.1	-	3.0	6.6	80.3	b
34	Fabricated metal products.....	1,100	100.0	-	.3	.7	3.3	1.0	11.0	13.1	3.0	67.6	b
35	Machinery, except electrical.....	92	100.0	5.7	19.2	15.2	2.6	7.1	4.1	4.7	8.0	33.4	b
	TON-MILES OF SHIPMENTS	(millions of ton-miles)											
	Production Area 24, total.....	10,652	100.0	2.0	9.7	13.2	6.0	3.2	3.6	6.4	5.6	50.3	-
20	Food and kindred products.....	4,055	100.0	3.5	20.0	23.8	10.9	6.3	3.3	6.2	6.3	19.7	-
25	Furniture and fixtures.....	14	100.0	2.0	14.6	15.3	5.5	9.3	2.3	10.4	7.7	32.9	-
26	Pulp, paper, and allied products.....	369	100.0	-	1.4	8.4	1.4	3.0	-	7.7	14.9	63.2	-
28	Chemicals and allied products.....	815	100.0	1.2	2.4	11.5	.9	.2	.2	4.0	9.1	70.5	-
29	Petroleum and coal products.....	2,973	100.0	.9	1.1	4.4	-	-	-	.4	1.0	92.2	-
32	Stone, clay, and glass products.....	295	100.0	.6	1.5	.4	.4	.2	.4	-	8.3	88.2	-
33	Primary metal products.....	867	100.0	.5	10.1	12.6	11.5	.5	-	8.6	7.0	49.2	-
34	Fabricated metal products.....	704	100.0	-	1.0	2.2	9.0	3.6	32.3	32.8	3.3	15.8	-
35	Machinery, except electrical.....	130	100.0	10.7	33.6	20.2	3.0	11.9	5.9	5.2	3.6	5.9	-

¹States included in the geographic divisions are as follows: NEW ENGLAND--Maine, New Hampshire, Vermont, Massachusetts, Rhode Island, and Connecticut; MIDDLE ATLANTIC--New York, New Jersey, and Pennsylvania; EAST NORTH CENTRAL--Ohio, Indiana, Illinois, Michigan, and Wisconsin; WEST NORTH CENTRAL--Minnesota, Iowa, Missouri, North Dakota, South Dakota, Nebraska, and Kansas; SOUTH ATLANTIC--Delaware, Maryland, District of Columbia, Virginia, West Virginia, North Carolina, South Carolina, Georgia, and Florida; EAST SOUTH CENTRAL--Kentucky, Tennessee, Alabama, and Mississippi; WEST SOUTH CENTRAL--Arkansas, Louisiana, Oklahoma, and Texas; MOUNTAIN--Montana, Idaho, Colorado, New Mexico, Arizona, Utah, Wyoming, and Nevada; PACIFIC--Washington, Oregon, California, Alaska, and Hawaii.

²Shipments to Alaska and Hawaii from the 48 conterminous States and the District of Columbia are included; no data were obtained for shipments originating in Alaska and Hawaii.

³Code letter indicates a sampling variability range as follows: a, 0-9 percent; b, 10-19 percent; c, 20-29 percent; and d, 30-50 percent. The variability for ton-miles has not been estimated.

TABLE 4. Percent Distribution of Commodities, by Production Area of Destination: 1967

TCC code	Commodity	Number	Percent distribution by production area ¹ of destination							
			Total	1 (BOST)	2 (HART)	3 (NYNY)	4 (N. NJ)	5 (PHIL)	6 (BALT)	7 (ALLN)
	TONS OF SHIPMENTS	(thousands of tons)								
	Production Area 24, total.....	26,781	100.0	0.2	-	0.4	0.5	0.1	-	-
20	Food and kindred products.....	6,235	100.0	.7	0.1	.9	2.0	.3	0.1	0.1
201	Meat, poultry, and small game; fresh, chilled or frozen.....	154	100.0	-	-	-	-	-	-	-
2013	Meat products.....	47	100.0	-	-	-	-	-	-	-
203	Canned and preserved fruits, vege- tables, and seafoods.....	1,760	100.0	2.4	.2	2.2	5.8	.8	.3	.2
2033	Canned fruits and vegetables.....	1,093	100.0	3.5	.2	3.1	2.7	.6	.1	.3
20331	Canned fruits.....	584	100.0	2.6	.1	2.4	1.9	.8	.1	.6
20332	Canned vegetables.....	181	100.0	4.6	.7	1.5	2.4	.1	.1	-
20336	Catsup and other tomato sauces.....	132	100.0	-	-	2.3	2.6	-	-	-
2034	Dried or dehydrated fruits and vege- tables and soup mixes.....	149	100.0	1.2	.4	3.0	4.0	3.7	2.1	-
208	Beverages and flavoring extracts.....	1,046	100.0	.2	-	1.7	.2	.1	-	-
2084	Wines, brandy, and brandy spirits.....	112	100.0	1.3	.3	15.5	1.8	.8	-	-
20841	Wines, brandy, and brandy spirits.....	112	100.0	1.3	.3	15.5	1.8	.8	-	-
2086	Bottled and canned soft drinks and car- bonated, mineral, and plain waters....	322	100.0	.1	-	-	-	-	-	-
20861	Bottled and canned soft drinks and car- bonated, mineral, and plain waters....	322	100.0	.1	-	-	-	-	-	-
25	Furniture and fixtures.....	31	100.0	.3	-	.5	-	.1	.4	-
26	Pulp, paper, and allied products.....	1,135	100.0	-	-	-	-	-	-	-
263	Paperboard, fiberboard, and pulpboard (except insulating board).....	365	100.0	-	-	-	-	-	-	-
2631	Paperboard, fiberboard, and pulpboard (except insulating board).....	365	100.0	-	-	-	-	-	-	-
26311	Paperboard, fiberboard, and pulpboard (except insulating board).....	365	100.0	-	-	-	-	-	-	-
264	Converted paper and paperboard products (except containers and boxes).....	342	100.0	-	-	-	-	-	-	-
265	Containers, boxes and related products, paperboard, fiberboard, and pulpboard.	323	100.0	-	-	-	-	-	-	-
2651	Containers, boxes, baskets, pallets and skids, paperboard, fiberboard, pulpboard.....	278	100.0	-	-	-	-	-	-	-
26511	Containers and boxes, paperboard, fiberboard, and pulpboard.....	255	100.0	-	-	-	-	-	-	-
28	Chemicals and allied products.....	3,090	100.0	-	-	.1	.2	-	-	-
281	Industrial chemicals.....	1,324	100.0	-	-	-	-	-	-	-
28139	Industrial gases, n.e.c.....	87	100.0	-	-	-	-	-	-	-
2819	Miscellaneous industrial inorganic chemicals.....	960	100.0	-	-	-	-	-	-	-
285	Paints, varnishes, lacquers, enamels, and allied products.....	178	100.0	-	-	-	.2	-	-	-
2851	Paints, varnishes, lacquers, enamels, and allied products.....	178	100.0	-	-	-	.2	-	-	-
28511	Paints, varnishes, lacquers, enamels, and shellacs.....	155	100.0	-	-	-	-	-	-	-
29	Petroleum and coal products.....	9,815	100.0	.1	-	-	-	.1	-	-
295	Paving and roofing materials.....	476	100.0	-	-	-	-	-	-	-
2952	Asphalt felt and coatings.....	360	100.0	-	-	-	-	-	-	-
32	Stone, clay, and glass products.....	2,676	100.0	-	-	-	-	.1	-	-
322	Glass and glassware, pressed and blown.	413	100.0	-	-	-	-	-	-	-
327	Concrete, gypsum, plaster, and plaster products.....	672	100.0	-	-	-	-	.2	-	-
33	Primary metal products.....	1,652	100.0	-	.1	1.5	.4	.1	-	.1
33127	Tin mill products.....	310	100.0	-	-	-	-	-	-	-

See footnotes at end of table.

TABLE 4. Percent Distribution of Commodities, by Production Area of Destination: 1967--Continued

TCC code	Commodity	Percent distribution by production area ¹ of destination--Continued									
		8 (HARR)	9 (SYRA)	10 (BUFF)	11 (CLEV)	12 (PITT)	13 (DETR)	14 (CINC)	15 (CHIC)	16 (MILW)	17 (M-SP)
	TONS OF SHIPMENTS										
	Production Area 24, total.....	0.2	-	0.1	0.4	-	0.3	0.2	0.8	-	0.3
20	Food and kindred products.....	.9	0.1	.5	.9	0.1	1.0	.5	2.8	0.1	1.4
201	Meat, poultry, and small game; fresh, chilled or frozen.....	-	-	-	-	-	-	-	-	-	-
2013	Meat products.....	-	-	-	-	-	-	-	-	-	-
203	Canned and preserved fruits, vege- tables, and seafoods.....	3.1	.2	1.4	.6	.2	3.3	.4	3.5	.2	.3
2033	Canned fruits and vegetables.....	4.5	.3	.4	.6	.3	1.0	.5	2.4	.3	.4
20331	Canned fruits.....	.6	.1	.4	.7	.1	1.5	.6	2.7	.1	.2
20332	Canned vegetables.....	3.4	-	.4	.9	.1	.9	.5	2.0	.2	-
20336	Catsup and other tomato sauces.....	-	-	-	-	-	-	-	1.2	-	1.1
2034	Dried or dehydrated fruits and vege- tables and soup mixes.....	3.3	.3	11.1	1.5	.3	2.7	1.6	7.2	.5	.8
208	Beverages and flavoring extracts.....	-	.1	-	.1	-	-	-	.7	.1	.2
2084	Wines, brandy, and brandy spirits.....	-	.6	-	.8	-	-	.2	6.1	.5	2.3
20841	Wines, brandy, and brandy spirits.....	-	.6	-	.8	-	-	.2	6.1	.5	2.3
2086	Bottled and canned soft drinks and car- bonated, mineral, and plain waters....	-	-	-	-	-	-	-	-	-	-
20861	Bottled and canned soft drinks and car- bonated, mineral, and plain waters....	-	-	-	-	-	-	-	-	-	-
25	Furniture and fixtures.....	-	-	.2	.1	.2	-	.1	2.9	.1	.9
26	Pulp, paper, and allied products.....	-	-	-	.1	-	-	-	1.3	-	-
263	Paperboard, fiberboard, and pulpboard (except insulating board).....	-	-	-	-	-	-	-	.6	-	-
2631	Paperboard, fiberboard, and pulpboard (except insulating board).....	-	-	-	-	-	-	-	.6	-	-
26311	Paperboard, fiberboard, and pulpboard (except insulating board).....	-	-	-	-	-	-	-	.6	-	-
264	Converted paper and paperboard products (except containers and boxes).....	-	-	-	.4	-	-	-	3.8	-	-
265	Containers, boxes and related products, paperboard, fiberboard, and pulpboard.	-	-	-	-	-	-	-	-	-	-
2651	Containers, boxes, baskets, pallets and skids, paperboard, fiberboard, pulpboard.....	-	-	-	-	-	-	-	-	-	-
26511	Containers and boxes, paperboard, fiberboard, and pulpboard.....	-	-	-	-	-	-	-	-	-	-
28	Chemicals and allied products.....	-	-	-	.3	-	.1	.9	-	-	-
281	Industrial chemicals.....	-	-	-	-	-	-	-	-	-	-
28139	Industrial gases, n.e.c.....	-	-	-	-	-	-	-	-	-	-
2819	Miscellaneous industrial inorganic chemicals.....	-	-	-	-	-	-	-	-	-	-
285	Paints, varnishes, lacquers, enamels, and allied products.....	-	-	-	-	-	-	-	-	-	-
2851	Paints, varnishes, lacquers, enamels, and allied products.....	-	-	-	-	-	-	-	-	-	-
28511	Paints, varnishes, lacquers, enamels, and shellacs.....	-	-	-	-	-	-	-	-	-	-
29	Petroleum and coal products.....	-	-	-	.4	-	-	-	.1	-	-
295	Paving and roofing materials.....	-	-	-	-	-	-	-	-	-	-
2952	Asphalt felt and coatings.....	-	-	-	-	-	-	-	-	-	-
32	Stone, clay, and glass products.....	-	-	-	-	-	-	-	-	-	-
322	Glass and glassware, pressed and blown.	-	.1	-	-	-	-	-	-	-	-
327	Concrete, gypsum, plaster, and plaster products.....	-	-	-	-	-	-	-	-	-	-
33	Primary metal products.....	-	-	-	-	-	.6	-	.3	-	-
33127	Tin mill products.....	-	-	-	-	-	3.2	-	-	-	-

See footnotes at end of table.

TABLE 4. Percent Distribution of Commodities, by Production Area of Destination: 1967--Continued

TCC code	Commodity	Percent distribution by production area ¹ of destination--Continued									Sampling variability code ²
		18 (STLO)	19 (ATLA)	20 (DALL)	21 (HOUS)	22 (DENV)	23 (SETL)	24 ² (SANF)	25 (LOSA)	All other	
	TONS OF SHIPMENTS										
	Production Area 24, total.....	0.1	-	0.5	0.1	0.3	11.9	33.3	13.2	37.1	-
20	Food and kindred products.....	.3	0.1	1.4	.1	1.1	1.9	22.7	11.8	48.1	c
201	Meat, poultry, and small game; fresh, chilled or frozen.....	-	-	-	-	-	-	70.7	5.7	23.6	d
2013	Meat products.....	-	-	-	-	-	.2	45.8	18.5	35.5	d
203	Canned and preserved fruits, vege- tables, and seafoods.....	1.0	.4	2.1	.4	.7	2.0	15.1	9.3	43.9	b
2033	Canned fruits and vegetables.....	.8	.2	1.6	.2	.4	.6	19.9	9.3	45.8	b
20331	Canned fruits.....	1.2	.2	.4	-	.3	.1	27.4	10.3	44.6	c
20332	Canned vegetables.....	-	-	.3	.6	1.2	1.6	12.7	17.3	48.5	d
20336	Catsup and other tomato sauces.....	-	-	7.5	-	-	.1	16.6	3.2	65.4	c
2034	Dried or dehydrated fruits and vege- tables and soup mixes.....	1.1	2.7	1.0	.1	.1	1.9	11.3	6.7	31.4	d
208	Beverages and flavoring extracts.....	-	-	-	.1	.8	4.0	36.7	18.4	36.6	b
2084	Wines, brandy, and brandy spirits.....	.3	-	.2	.7	2.9	8.4	16.6	15.1	25.6	d
20841	Wines, brandy, and brandy spirits.....	.3	-	.2	.7	2.9	8.4	16.6	15.1	25.6	d
2086	Bottled and canned soft drinks and car- bonated, mineral, and plain waters....	-	-	-	.1	.1	-	80.8	-	18.9	d
20861	Bottled and canned soft drinks and car- bonated, mineral, and plain waters....	-	-	-	.1	.1	-	80.8	-	18.9	d
25	Furniture and fixtures.....	-	.1	.3	.7	.3	9.8	32.2	8.0	42.8	d
26	Pulp, paper, and allied products.....	-	-	1.7	-	1.0	4.3	28.0	26.9	36.7	b
263	Paperboard, fiberboard, and pulpboard (except insulating board).....	-	-	5.1	-	2.7	3.2	23.2	39.4	25.8	c
2631	Paperboard, fiberboard, and pulpboard (except insulating board).....	-	-	5.1	-	2.7	3.2	23.2	39.4	25.8	c
26311	Paperboard, fiberboard, and pulpboard (except insulating board).....	-	-	5.1	-	2.7	3.2	23.2	39.4	25.8	c
264	Converted paper and paperboard products (except containers and boxes).....	-	-	-	-	.6	4.3	17.0	22.3	51.6	d
265	Containers, boxes and related products, paperboard, fiberboard, and pulpboard.	-	-	-	-	-	1.8	46.8	11.0	40.4	d
2651	Containers, boxes, baskets, pallets and skids, paperboard, fiberboard, pulpboard.....	-	-	-	-	-	1.4	49.9	6.0	42.7	d
26511	Containers and boxes, paperboard, fiberboard, and pulpboard.....	-	-	-	-	-	1.6	50.6	4.8	43.0	d
28	Chemicals and allied products.....	-	-	-	-	-	1.6	40.5	19.5	36.8	c
281	Industrial chemicals.....	-	-	-	-	-	1.8	59.4	10.2	28.6	d
28139	Industrial gases, n.e.c.....	-	-	-	-	-	-	68.0	4.2	27.8	c
2819	Miscellaneous industrial inorganic chemicals.....	-	-	-	-	-	1.6	63.3	8.0	27.1	d
285	Paints, varnishes, lacquers, enamels, and allied products.....	.3	-	.1	-	.2	5.0	14.4	32.4	47.4	d
2851	Paints, varnishes, lacquers, enamels, and allied products.....	.3	-	.1	-	.2	5.0	14.4	32.4	47.4	d
28511	Paints, varnishes, lacquers, enamels, and shellacs.....	.3	-	.1	-	.2	3.5	13.8	33.6	48.5	d
29	Petroleum and coal products.....	-	-	-	.1	-	28.1	35.4	10.5	25.2	d
295	Paving and roofing materials.....	-	-	-	-	-	3.7	35.6	5.6	55.1	d
2952	Asphalt felt and coatings.....	-	-	-	-	-	4.9	38.2	7.4	49.5	d
32	Stone, clay, and glass products.....	-	-	-	-	-	.6	54.0	4.8	40.4	c
322	Glass and glassware, pressed and blown.	.2	-	-	-	-	-	48.1	17.2	34.4	d
327	Concrete, gypsum, plaster, and plaster products.....	-	-	-	-	-	1.6	50.9	3.5	43.8	d
33	Primary metal products.....	-	-	-	.2	-	6.5	26.6	23.9	39.7	d
33127	Tin mill products.....	-	-	-	-	-	6.2	43.7	18.7	30.2	d

See footnotes at end of table.

TABLE 4. Percent Distribution of Commodities, by Production Area of Destination: 1967 --Continued

TCC code	Commodity	Number	Percent distribution by production area ¹ of destination							
			Total	1 (BOST)	2 (HART)	3 (NYNY)	4 (N. NJ)	5 (PHIL)	6 (BALT)	7 (ALLN)
	TONS OF SHIPMENTS--Continued	(thousands of tons)								
34	Fabricated metal products.....	1,100	100.0	-	-	0.1	-	-	-	-
341	Metal cans.....	282	100.0	-	-	-	-	-	-	-
3411	Metal cans.....	282	100.0	-	-	-	-	-	-	-
34111	Metal cans.....	282	100.0	-	-	-	-	-	-	-
344	Structural and miscellaneous metal products.....	385	100.0	-	-	.3	-	-	-	-
3441	Structural metal products.....	203	100.0	-	-	-	-	-	-	-
35	Machinery, except electrical.....	92	100.0	0.8	2.7	6.2	1.6	2.6	0.9	0.1
366	Communication equipment.....	5	100.0	.4	-	1.8	.1	-	.1	-
367	Electronic components or accessories...	16	100.0	2.6	1.2	8.4	.2	1.7	-	-
	TON-MILES OF SHIPMENTS	(millions of ton-miles)								
	Production Area 24, total.....	10,652	100.0	1.4	.2	2.2	3.3	.8	.3	.1
20	Food and kindred products.....	4,055	100.0	2.9	.2	3.5	7.7	1.0	.3	.2
201	Meat, poultry and small game; fresh, chilled or frozen.....	19	100.0	-	-	-	-	-	-	-
2013	Meat products.....	9	100.0	-	-	-	-	-	-	-
203	Canned and preserved fruits, vege- tables, and seafoods.....	2,345	100.0	4.9	.4	4.2	10.9	1.5	.5	.4
2033	Canned fruits and vegetables.....	1,374	100.0	7.4	.4	6.4	5.4	1.3	.3	.7
20331	Canned fruits.....	621	100.0	6.4	.4	5.6	4.5	1.9	.2	1.5
20332	Canned vegetables.....	210	100.0	10.6	1.5	3.2	5.2	.1	.2	-
20336	Catsup and other tomato sauces.....	173	100.0	-	-	4.4	5.1	-	-	-
2034	Dried or dehydrated fruits and vege- tables and soup mixes.....	249	100.0	1.9	.6	4.5	6.0	5.6	3.1	-
208	Beverages and flavoring extracts.....	345	100.0	1.3	.3	12.8	1.5	.6	-	-
2084	Wines, brandy, and brandy spirits.....	125	100.0	3.1	.7	35.2	4.1	1.7	-	-
20841	Wines, brandy, and brandy spirits.....	125	100.0	3.1	.7	35.2	4.1	1.7	-	-
2086	Bottled and canned soft drinks and car- bonated, mineral, and plain waters....	12	100.0	5.3	-	-	-	-	-	-
20861	Bottled and canned soft drinks and car- bonated, mineral, and plain waters....	12	100.0	5.3	-	-	-	-	-	-
25	Furniture and fixtures.....	14	100.0	2.0	-	2.6	-	.6	2.3	-
26	Pulp, paper, and allied products.....	369	100.0	-	-	-	-	-	-	-
263	Paperboard, fiberboard, and pulpboard (except insulating board).....	121	100.0	-	-	-	-	.1	-	-
2631	Paperboard, fiberboard, and pulpboard (except insulating board).....	121	100.0	-	-	-	-	.1	-	-
26311	Paperboard, fiberboard, and pulpboard (except insulating board).....	121	100.0	-	-	-	-	.1	-	-
264	Converted paper and paperboard products (except containers and boxes).....	160	100.0	-	-	-	-	-	-	-
265	Containers, boxes and related products, paperboard, fiberboard, and pulpboard.	54	100.0	-	-	-	-	-	-	-
2651	Containers, boxes, baskets, pallets and skids, paperboard, fiberboard, pulpboard.....	43	100.0	-	-	-	-	-	-	-
26511	Containers and boxes, paperboard, fiberboard, and pulpboard.....	38	100.0	-	-	-	-	-	-	-
28	Chemicals and allied products.....	815	100.0	-	-	.8	1.5	-	-	-
281	Industrial chemicals.....	210	100.0	-	-	-	-	-	-	-
28139	Industrial gases, n.e.c.....	5	100.0	-	-	-	-	-	-	-
2819	Miscellaneous industrial inorganic chemicals.....	152	100.0	-	-	-	-	-	-	-

See footnotes at end of table.

TABLE 4. Percent Distribution of Commodities, by Production Area of Destination: 1967--Continued

TCC code	Commodity	Percent distribution by production area ¹ of destination--Continued									
		8 (HARR)	9 (SYRA)	10 (BUFF)	11 (CLEV)	12 (PITT)	13 (DETR)	14 (CINC)	15 (CHIC)	16 (MILW)	17 (M-SP)
	TONS OF SHIPMENTS--Continued										
34	Fabricated metal products.....	-	-	-	-	0.1	0.5	-	0.2	-	-
341	Metal cans.....	-	-	-	-	.4	1.8	-	-	-	-
3411	Metal cans.....	-	-	-	-	.4	1.8	-	-	-	-
34111	Metal cans.....	-	-	-	-	.4	1.8	-	-	-	-
344	Structural and miscellaneous metal products.....	-	-	-	-	-	-	-	.2	-	-
3441	Structural metal products.....	-	-	-	-	-	-	-	-	-	-
35	Machinery, except electrical.....	0.5	1.5	0.8	0.2	2.3	.4	0.5	6.4	-	0.4
366	Communication equipment.....	.7	.3	.1	.8	.1	-	.1	18.3	-	.3
367	Electronic components or accessories...	.1	5.6	.5	.1	-	1.1	.4	.9	0.1	.4
	TON-MILES OF SHIPMENTS										
	Production Area 24, total.....	1.2	.2	.6	2.2	.2	1.6	1.2	3.9	.1	1.3
20	Food and kindred products.....	3.2	.2	1.6	2.9	.2	3.2	1.7	8.0	.2	3.3
201	Meat, poultry, and small game; fresh, chilled or frozen.....	-	-	-	-	-	-	-	-	-	-
2013	Meat products.....	-	-	-	-	-	-	-	-	-	-
203	Canned and preserved fruits, vegetables, and seafoods.....	5.6	.3	2.4	.9	.4	5.2	.6	4.9	.3	.4
2033	Canned fruits and vegetables.....	8.6	.5	.7	1.1	.6	1.7	.8	3.5	.5	.5
20331	Canned fruits.....	1.4	.2	.8	1.5	.2	2.9	1.1	4.7	.2	.3
20332	Canned vegetables.....	7.1	-	.7	1.6	.3	1.5	.9	3.1	.4	-
20336	Catsup and other tomato sauces.....	-	-	-	-	-	-	-	1.7	-	1.3
2034	Dried or dehydrated fruits and vegetables and soup mixes.....	4.8	.5	15.2	1.9	.4	3.4	1.9	7.8	.5	.7
208	Beverages and flavoring extracts.....	-	.5	-	.6	-	-	.2	3.6	.3	1.2
2084	Wines, brandy, and brandy spirits.....	-	1.4	-	1.6	-	-	.4	10.1	.8	3.3
20841	Wines, brandy, and brandy spirits.....	-	1.4	-	1.6	-	-	.4	10.1	.8	3.3
2086	Bottled and canned soft drinks and carbonated, mineral, and plain waters....	-	-	-	-	-	-	2.3	-	-	-
20861	Bottled and canned soft drinks and carbonated, mineral, and plain waters....	-	-	-	-	-	-	2.3	-	-	-
25	Furniture and fixtures.....	-	-	.9	.3	.8	-	.3	12.0	.3	3.2
26	Pulp, paper, and allied products.....	-	-	-	.8	-	-	-	7.6	-	-
263	Paperboard, fiberboard, and pulpboard (except insulating board).....	-	-	-	-	-	-	-	3.3	-	-
2631	Paperboard, fiberboard, and pulpboard (except insulating board).....	-	-	-	-	-	-	-	3.3	-	-
26311	Paperboard, fiberboard, and pulpboard (except insulating board).....	-	-	-	-	-	-	-	3.3	-	-
264	Converted paper and paperboard products (except containers and boxes).....	-	-	-	1.8	-	-	-	14.9	-	-
265	Containers, boxes and related products, paperboard, fiberboard, and pulpboard.	-	-	-	-	-	-	-	-	-	-
2651	Containers, boxes, baskets, pallets and skids, paperboard, fiberboard, pulpboard.....	-	-	-	-	-	-	-	-	-	-
26511	Containers and boxes, paperboard, fiberboard, and pulpboard.....	-	-	-	-	-	-	-	-	-	-
28	Chemicals and allied products.....	-	-	-	2.2	-	.8	7.0	.1	-	.2
281	Industrial chemicals.....	-	-	-	.1	-	-	-	-	-	-
28139	Industrial gases, n.e.c.....	-	-	-	-	-	-	-	-	-	-
2819	Miscellaneous industrial inorganic chemicals.....	-	-	-	-	-	-	-	-	-	-

See footnotes at end of table.

TABLE 4. Percent Distribution of Commodities, by Production Area of Destination: 1967--Continued

TCC code	Commodity	Percent distribution by production area ¹ of destination--Continued									Sampling vari- ability code ³
		18 (STLO)	19 (ATLA)	20 (DALL)	21 (HOUS)	22 (DENV)	23 (SETL)	24 ² (SANF)	25 (LOSA)	All other	
	TONS OF SHIPMENTS--Continued										
34	Fabricated metal products.....	0.2	-	0.6	1.6	0.3	2.7	30.1	7.8	55.8	b
341	Metal cans.....	-	-	-	-	.9	2.7	44.1	14.8	35.3	a
3411	Metal cans.....	-	-	-	-	.9	2.7	44.1	14.8	35.3	a
34111	Metal cans.....	-	-	-	-	.9	2.7	44.1	14.8	35.3	
344	Structural and miscellaneous metal products.....	-	-	-	.1	.1	4.2	43.5	5.1	46.5	d
3441	Structural metal products.....	-	-	-	-	-	-	46.8	3.1	50.1	d
35	Machinery, except electrical.....	.6	1.1	.5	1.2	.4	1.8	10.5	7.8	48.2	b
366	Communication equipment.....	.3	.1	.2	.5	.3	.2	1.3	2.0	72.0	d
367	Electronic components or accessories...	.3	-	1.7	.4	.3	2.1	46.0	4.8	21.1	d
	TON-MILES OF SHIPMENTS										
	Production Area 24, total.....	.4	.2	1.8	.6	.8	19.6	1.9	11.3	42.6	-
20	Food and kindred products.....	.8	.3	3.2	.3	1.5	2.0	.9	6.2	44.5	-
201	Meat, poultry, and small game; fresh, chilled or frozen.....	-	-	-	-	-	.3	14.0	17.0	68.7	-
2013	Meat products.....	-	-	-	-	-	.5	6.5	36.6	56.4	-
203	Canned and preserved fruits, vege- tables, and seafoods.....	1.3	.6	2.3	.4	.5	1.0	.3	2.3	47.5	-
2033	Canned fruits and vegetables.....	1.1	.4	1.9	.2	.3	.3	.4	2.4	52.6	-
20331	Canned fruits.....	1.9	.4	.5	.1	.2	.1	.7	3.0	59.3	-
20332	Canned vegetables.....	-	-	.3	.8	.9	.9	.4	5.1	55.2	-
20336	Catsup and other tomato sauces.....	-	-	8.2	-	-	-	.3	.8	78.2	-
2034	Dried or dehydrated fruits and vege- tables and soup mixes.....	1.1	3.3	.9	.1	-	.8	.3	1.3	33.4	-
208	Beverages and flavoring extracts.....	.1	-	.1	.5	2.2	8.4	2.1	19.4	44.3	-
2084	Wines, brandy, and brandy spirits.....	.4	-	.3	1.0	2.5	5.3	.6	4.4	23.1	-
20841	Wines, brandy, and brandy spirits.....	.4	-	.3	1.0	2.5	5.3	.6	4.4	23.1	-
2086	Bottled and canned soft drinks and car- bonated, mineral, and plain waters....	-	-	-	2.4	1.4	-	28.1	-	60.5	-
20861	Bottled and canned soft drinks and car- bonated, mineral, and plain waters....	-	-	-	2.4	1.4	-	28.1	-	60.5	-
25	Furniture and fixtures.....	-	.3	1.0	2.6	.6	15.1	1.9	6.1	47.1	-
26	Pulp, paper, and allied products.....	-	-	7.3	.1	2.9	8.9	2.4	27.5	42.5	-
263	Paperboard, fiberboard, and pulpboard (except insulating board).....	-	-	22.3	-	7.4	6.8	1.9	39.4	18.8	-
2631	Paperboard, fiberboard, and pulpboard (except insulating board).....	-	-	22.3	-	7.4	6.8	1.9	39.4	18.8	-
26311	Paperboard, fiberboard, and pulpboard (except insulating board).....	-	-	22.3	-	7.4	6.8	1.9	39.4	18.8	-
264	Converted paper and paperboard products (except containers and boxes).....	-	-	-	-	1.2	6.4	1.0	15.7	59.0	-
265	Containers, boxes and related products, paperboard, fiberboard, and pulpboard.	-	-	-	.3	-	7.0	7.6	22.4	62.7	-
2651	Containers, boxes, baskets, pallets and skids, paperboard, fiberboard, pulpboard.....	-	-	-	.4	-	6.1	8.6	13.6	71.3	-
26511	Containers and boxes, paperboard, fiberboard, and pulpboard.....	-	-	-	.4	-	6.9	8.9	11.7	72.1	-
28	Chemicals and allied products.....	.1	-	.2	-	.1	4.0	3.9	24.8	54.3	-
281	Industrial chemicals.....	-	-	-	-	-	7.5	9.6	21.7	61.1	-
28139	Industrial gases, n.e.c.....	-	-	-	-	-	-	31.6	22.6	45.8	-
2819	Miscellaneous industrial inorganic chemicals.....	-	-	-	-	-	6.9	9.8	17.0	66.3	-

See footnotes at end of table.

TABLE 4. Percent Distribution of Commodities, by Production Area of Destination: 1967 --Continued

TCC code	Commodity	Number	Percent distribution by production area ¹ of destination							
			Total	1 (BOST)	2 (HART)	3 (NYNY)	4 (N. NJ)	5 (PHIL)	6 (BALT)	7 (ALLN)
	TON-MILES OF SHIPMENTS--Continued	(millions of ton-miles)								
285	Paints, varnishes, lacquers, enamels, and allied products.....	66	100.0	-	-	0.2	1.1	-	-	-
2851	Paints, varnishes, lacquers, enamels, and allied products.....	66	100.0	-	-	.2	1.1	-	-	-
28511	Paints, varnishes, lacquers, enamels, and shellacs.....	57	100.0	-	-	.2	.1	-	-	-
29	Petroleum and coal products.....	2,973	100.0	0.9	-	-	.1	1.0	-	-
295	Paving and roofing materials.....	87	100.0	-	-	-	-	-	-	-
2952	Asphalt felt and coatings.....	76	100.0	-	-	-	-	-	-	-
32	Stone, clay, and glass products.....	295	100.0	.6	-	.1	-	1.2	-	-
322	Glass and glassware, pressed and blown.	59	100.0	-	-	-	-	-	-	-
327	Concrete, gypsum, plaster, and plaster products.....	100	100.0	-	-	-	-	3.4	-	-
33	Primary metal products.....	867	100.0	-	0.4	7.4	1.7	.3	-	0.4
33127	Tin mill products.....	87	100.0	-	-	-	-	-	-	-
34	Fabricated metal products.....	704	100.0	-	-	.5	.1	-	-	-
341	Metal cans.....	55	100.0	-	-	-	.7	-	-	-
3411	Metal cans.....	55	100.0	-	-	-	.7	-	-	-
34111	Metal cans.....	55	100.0	-	-	-	.7	-	-	-
344	Structural and miscellaneous metal products.....	78	100.0	-	-	3.9	-	-	-	-
3441	Structural metal products.....	25	100.0	-	-	-	-	-	-	-
35	Machinery, except electrical.....	130	100.0	1.5	5.1	11.2	2.9	4.6	1.6	.3
366	Communication equipment.....	9	100.0	.6	-	2.8	.1	-	.1	-
367	Electronic components or accessories...	18	100.0	6.3	2.8	19.4	.4	3.9	-	-

See footnotes at end of table.

TABLE 4. Percent Distribution of Commodities, by Production Area of Destination: 1967--Continued

TCC code	Commodity	Percent distribution by production area ¹ of destination--Continued									
		8 (HARR)	9 (SYRA)	10 (BUFF)	11 (CLEV)	12 (PITT)	13 (DETR)	14 (CINC)	15 (CHIC)	16 (MILW)	17 (M-SP)
	TON-MILES OF SHIPMENTS--Continued										
285	Paints, varnishes, lacquers, enamels, and allied products.....	-	-	0.1	-	0.1	0.1	-	0.2	-	-
2851	Paints, varnishes, lacquers, enamels, and allied products.....	-	-	.1	-	.1	.1	-	.2	-	-
28511	Paints, varnishes, lacquers, enamels, and shellacs.....	-	-	.1	-	-	-	-	.1	-	-
29	Petroleum and coal products.....	-	-	-	2.9	-	-	-	.9	-	-
295	Paving and roofing materials.....	-	-	-	-	-	-	-	-	-	-
2952	Asphalt felt and coatings.....	-	-	-	-	-	-	-	-	-	-
32	Stone, clay, and glass products.....	-	0.2	-	-	-	-	-	-	-	-
322	Glass and glassware, pressed and blown.	-	1.1	-	-	-	-	-	-	-	-
327	Concrete, gypsum, plaster, and plaster products.....	-	-	-	-	-	-	-	-	-	-
33	Primary metal products.....	0.1	-	-	-	-	2.5	-	1.0	-	-
33127	Tin mill products.....	-	-	-	-	-	23.3	-	-	-	-
34	Fabricated metal products.....	-	-	-	-	.4	1.5	-	.6	-	-
341	Metal cans.....	-	-	.2	-	5.1	19.6	-	.2	-	-
3411	Metal cans.....	-	-	.2	-	5.1	19.6	-	.2	-	-
34111	Metal cans.....	-	-	.2	-	5.1	19.6	-	.2	-	-
344	Structural and miscellaneous metal products.....	-	-	-	-	-	-	-	1.9	-	-
3441	Structural metal products.....	-	-	-	.1	-	-	-	-	-	-
35	Machinery, except electrical.....	.8	2.6	1.3	.3	3.7	.6	0.8	8.3	-	0.5
366	Communication equipment.....	1.0	.4	.1	1.0	.2	-	.2	19.7	-	.2
367	Electronic components or accessories...	.1	12.2	1.1	.2	-	2.1	.7	1.5	0.2	.5

See footnotes at end of table.

TABLE 4. Percent Distribution of Commodities, by Production Area of Destination: 1967--Continued

TCC code	Commodity	Percent distribution by production area ¹ of destination--Continued									Sampling variability code ³
		18 (STLO)	19 (ATLA)	20 (DALL)	21 (HOUS)	22 (DENV)	23 (SETL)	24 ² (SANF)	25 (LOSA)	All other	
	TON-MILES OF SHIPMENTS--Continued										
285	Paints, varnishes, lacquers, enamels, and allied products.....	1.3	-	0.4	-	0.5	9.0	1.0	30.7	55.3	-
2851	Paints, varnishes, lacquers, enamels, and allied products.....	1.3	-	.4	-	.5	9.0	1.0	30.7	55.3	-
28511	Paints, varnishes, lacquers, enamels, and shellacs.....	1.5	-	.4	-	.6	6.3	.9	31.7	58.1	-
29	Petroleum and coal products.....	-	-	-	0.3	-	61.4	1.9	12.2	18.4	-
295	Paving and roofing materials.....	-	-	-	-	-	13.0	5.2	10.7	71.1	-
2952	Asphalt felt and coatings.....	-	-	-	-	-	14.9	4.5	12.4	68.2	-
32	Stone, clay, and glass products.....	.4	0.2	-	-	-	3.9	14.5	15.2	63.7	-
322	Glass and glassware, pressed and blown.	1.9	-	-	-	-	-	9.2	40.6	47.2	-
327	Concrete, gypsum, plaster, and plaster products.....	-	-	-	-	-	7.4	8.9	8.1	72.2	-
33	Primary metal products.....	-	-	.1	.7	-	8.4	1.3	15.7	60.0	-
33127	Tin mill products.....	-	-	-	-	-	14.4	4.3	22.9	35.1	-
34	Fabricated metal products.....	.5	-	1.4	4.0	.4	2.9	1.2	4.3	82.2	-
341	Metal cans.....	-	-	.2	.1	4.4	9.5	5.8	25.9	28.3	-
3411	Metal cans.....	-	-	.2	.1	4.4	9.5	5.8	25.9	28.3	-
34111	Metal cans.....	-	-	.2	.1	4.4	9.5	5.8	25.9	28.3	-
344	Structural and miscellaneous metal products.....	.1	-	.3	.9	.7	14.1	5.0	8.9	64.2	-
3441	Structural metal products.....	-	-	-	-	-	-	8.9	8.9	82.1	-
35	Machinery, except electrical.....	.7	1.7	.5	1.4	.2	.8	.2	1.9	46.5	-
366	Communication equipment.....	.4	.1	.2	.4	.2	.1	-	.4	71.8	-
367	Electronic components or accessories...	.5	-	2.3	.6	.3	1.3	1.4	1.3	40.9	-

¹Designations below the area numbers are used to help identify the area. Descriptions of production areas appear on page 4.

²Includes only those shipments that originated in one city in this area and terminated in another city in this area. Does not include shipments originating and terminating in the same city.

³Code letter indicates a sampling variability range as follows: a, 0-9 percent; b, 10-19 percent; c, 20-29 percent; and d, 30-35 percent. The variability for ton-miles has not been estimated.

PRODUCTION AREA 25

Consists of three Standard Metropolitan Statistical Areas:
Los Angeles-Long Beach, Calif.; Anaheim-Santa Ana-Garden
Grove, Calif.; and San Bernardino-Riverside-Ontario, Calif.

SUMMARY

The estimates of tons and ton-miles are based on reports from a sample of shipments by approximately 771 manufacturing establishments located in this Production Area. The total tons and ton-miles represent the total inter-city shipments by essentially all manufacturing establishments in the area, except for plants with less than 20 employees. However, since the data are based on a sample, the estimates necessarily are subject to "sampling variability."

The approximate degree of sampling variability for tons for each commodity or commodity class is indicated in the last column of tables 1 to 4. In general, most of the commodity data in this report are subject to substantial sampling variability and should be treated as approximate rather than precise measures.

About 49.1 million tons of commodities were shipped by plants in this area to destinations beyond the local area. These shipments generated 20.3 billion ton-miles by all means of transport combined, and averaged about 414 straight-line miles per ton shipped.

Almost half of the total tons are petroleum and coal products that moved largely by water. Motor carriers hauled 47.5 percent of all other products compared with 30.2 percent by rail and 21.3 percent by private truck. Because of longer hauls, the railroads accounted for 59.9 percent of the total, exclusive of petroleum and coal products. Including petroleum, the rail and water shares of ton-miles are almost equal.

As shown in tables A, B, and C, petroleum and coal products, as a result of their large volume and unusual traffic pattern, have a marked influence on the distribution of shipments. Consequently, two totals are shown: (1) All commodities combined, and (2) the total exclusive of petroleum and coal products. The influence of these products is most evident in connection with shipments by water, as measured by both tons and ton-miles (see table A).

Comparisons between 1967 and 1963 data are presented in tables A through D. The 1967 survey is comparable with 1963, except for the exclusion from the survey, in 1967, of plants with less than 20 employees. Nationally, those plants accounted for only 4 percent of the total tons originated in the 1963 survey.

**Table A. PERCENT DISTRIBUTION OF SHIPMENTS
BY MEANS OF TRANSPORT**

Means of transport	All commodities		All commodities except petroleum and coal products	
	1967	1963	1967	1963
Tons of shipments.....millions..	49.1	49.6	26.3	31.3
Ton-miles.....billions..	20.3	17.6	8.1	6.5
TONS OF SHIPMENTS				
	Percent distribution			
All means of transport.....	100.0	100.0	100.0	100.0
Rail.....	18.1	15.5	30.2	22.6
Motor carrier.....	31.1	34.6	47.5	39.8
Private truck.....	16.4	29.9	21.3	32.8
Air.....	.1	.1	.2	.1
Water.....	34.2	19.3	.6	3.8
Other.....	.1	.6	.2	.9
TON-MILES				
All means of transport.....	100.0	100.0	100.0	100.0
Rail.....	37.7	16.3	59.9	41.0
Motor carrier.....	19.4	16.1	28.5	38.7
Private truck.....	5.0	5.6	7.0	10.3
Air.....	.4	.4	.7	1.1
Water.....	37.2	60.9	3.4	7.1
Other.....	.3	.7	.5	1.8

Note: Ton-miles are the product of weight times distance on a straight-line distance basis..

**Table B. AVERAGE LENGTH OF HAUL
BY MEANS OF TRANSPORT**

(Straight-line miles)

Means of transport	All commodities		All commodities except petroleum and coal products	
	1967	1963	1967	1963
All means of transport.....	414	355	466	206
Rail.....	863	373	924	375
Motor carrier.....	258	165	280	201
Private truck.....	126	67	154	64

Note: Average length of haul is based on straight-line miles from plant to customer or redistribution point, weighted by tonnage shipped (i.e., ton-miles divided by tons). Rail short-line and highway direct-route distances average about 24 and 21 percent, respectively, longer than straight-line distances.

**Table C. PERCENT DISTRIBUTION OF SHIPMENTS
BY DISTANCE OF SHIPMENT**

Means of transport	All commodities		All commodities except petroleum and coal products	
	1967	1963	1967	1963
TONS OF SHIPMENTS				
All distances.....	100.0	100.0	100.0	100.0
Under 100 miles.....	50.1	57.3	43.4	64.6
100 to 199 miles.....	6.5	12.2	9.2	10.2
200 to 299 miles.....	2.7	2.1	4.2	2.7
300 to 499 miles.....	15.6	14.2	18.5	14.4
500 to 999 miles.....	10.6	3.9	9.1	3.6
1,000 to 1,499 miles.....	6.5	.8	3.4	1.3
1,500 miles and over.....	8.0	9.5	12.2	3.2

**Table D. PERCENT DISTRIBUTION OF SHIPMENTS
BY AREA OF DESTINATION**

Area of destination	1967	1963
Tons of shipments.....thousands..	49,102	49,573
Ton-miles.....millions..	20,336	17,611
TONS OF SHIPMENTS		
	Percent distribution	
All areas.....	100.0	100.0
Production Area 25 ¹	48.0	53.1
Other production areas.....	19.3	18.6
All other areas.....	32.7	28.3
TON-MILES		
All areas.....	100.0	100.0
Production Area 25 ¹	3.4	4.8
Other production areas.....	38.8	66.4
All other areas.....	57.8	29.1

¹Includes only those shipments that originated in one city in this area and terminated in another city in this area.

TABLE 1. Percent Distribution of Commodities, by Means of Transport: 1967

TCC code	Commodity	Number	Percent distribution by means of transport								Sampling variability code ¹
			All means of transport	Rail	Motor carrier	Private truck	Air	Water	Other	Unknown	
	TONS OF SHIPMENTS	(thousands of tons)									
	Production Area 25, total.....	49,102	100.0	18.1	31.1	16.4	0.1	34.2	0.1	-	-
20	Food and kindred products.....	7,242	100.0	48.5	24.8	26.0	-	.7	-	-	a
201	Meat, poultry, and small game; fresh, chilled or frozen.....	632	100.0	9.0	32.1	58.3	-	.6	-	-	c
2013	Meat products.....	94	100.0	2.2	65.9	31.4	-	.5	-	-	d
20132	Meats and sausage, cooked, cured, dried, smoked, or salted.....	84	100.0	2.5	63.0	34.0	-	.5	-	-	d
2014	Animal byproducts, inedible.....	129	100.0	8.3	48.5	40.7	-	2.5	-	-	d
203	Canned and preserved fruits, vegetables, and seafoods.....	3,497	100.0	78.4	8.2	12.9	-	.5	-	-	a
204	Grain mill products.....	875	100.0	27.5	30.4	41.4	-	.5	.2	-	d
2042	Prepared feed for animals, fish, and fowls (except hay, straw, or related products).....	633	100.0	24.6	19.5	55.8	-	.1	-	-	d
208	Beverages and flavoring extracts.....	1,164	100.0	27.2	36.4	35.7	-	.7	-	-	b
2082	Malt liquors.....	959	100.0	32.1	41.3	25.8	-	.8	-	-	b
20821	Beer, ale, porter, and stout in barrels, bottles, cans, or kegs.....	959	100.0	32.1	41.3	25.8	-	.8	-	-	b
2086	Bottled and canned soft drinks and carbonated, mineral, and plain waters.	176	100.0	.4	8.4	91.1	-	.1	-	-	a
20861	Bottled and canned soft drinks and carbonated, mineral, and plain waters....	176	100.0	.4	8.4	91.1	-	.1	-	-	a
2087	Miscellaneous flavoring extracts, sirups, and flavoring compounds (except chocolate sirups).....	29	100.0	28.1	44.5	27.1	-	-	.3	-	d
20871	Flavoring extracts, emulsions, and flavoring compounds.....	29	100.0	28.1	44.5	27.1	-	-	.3	-	d
209	Miscellaneous food preparations and kindred products.....	745	100.0	15.9	61.6	20.7	-	1.7	-	0.1	d
233	Women's, misses', girls', and infants' clothing.....	15	100.0	25.4	19.0	10.2	35.9	.3	9.2	-	c
2331	Women's, misses', girls', and infants' clothing.....	15	100.0	25.4	19.0	10.2	35.9	.3	9.2	-	c
23311	Women's, misses', girls', and infants' clothing.....	15	100.0	25.4	19.0	10.2	35.9	.3	9.2	-	c
25	Furniture and fixtures.....	215	100.0	7.8	56.9	34.1	.2	.2	.6	.2	c
251	Household and office furniture.....	204	100.0	8.3	57.0	33.9	-	.2	.3	.3	c
2513	Couches, davenports, love seats, sofas, and settees.....	41	100.0	-	61.2	37.9	-	.9	-	-	d
25131	Couches, davenports, love seats, sofas, and settees.....	41	100.0	-	61.2	37.9	-	.9	-	-	d
2516	Dressers, vanities, chests of drawers, and beds (except hospital beds).....	20	100.0	7.5	50.9	41.2	-	-	-	.4	d
25161	Dressers, vanities, chests of drawers, and beds (except hospital beds).....	20	100.0	7.5	50.9	41.2	-	-	-	.4	d
26	Pulp, paper, and allied products.....	1,087	100.0	13.5	51.6	34.3	-	.4	.2	-	c
263	Paperboard, fiberboard, and pulpboard (except insulating board).....	100	100.0	29.1	39.6	31.3	-	-	-	-	d
2631	Paperboard, fiberboard, and pulpboard (except insulating board).....	100	100.0	29.1	39.6	31.3	-	-	-	-	d
26311	Paperboard, fiberboard, and pulpboard (except insulating board).....	100	100.0	29.1	39.6	31.3	-	-	-	-	d
264	Converted paper and paperboard products (except containers and boxes).....	237	100.0	25.6	68.8	4.9	-	.2	.4	.1	d
265	Containers, boxes and related products, paperboard, fiberboard, and pulpboard.	627	100.0	7.0	43.3	49.1	-	.5	.1	-	d

See footnote at end of table.

TABLE 1. Percent Distribution of Commodities, by Means of Transport: 1967--Continued

TCC code	Commodity	Number	Percent distribution by means of transport								Sampling variability code ¹
			All means of transport	Rail	Motor carrier	Private truck	Air	Water	Other	Unknown	
	TONS OF SHIPMENTS--Continued	(thousands of tons)									
2651	Containers, boxes, baskets, pallets and skids, paperboard, fiberboard, and pulpboard.....	569	100.0	4.8	41.2	53.4	-	0.6	-	-	d
26511	Containers and boxes, paperboard, fiberboard, and pulpboard.....	567	100.0	4.8	41.1	53.5	-	.6	-	-	d
2654	Sanitary food containers.....	59	100.0	27.9	64.1	6.4	-	.2	1.4	-	d
28	Chemicals and allied products.....	4,649	100.0	17.7	67.2	14.3	-	.6	.1	0.1	d
281	Industrial chemicals.....	2,900	100.0	19.2	63.3	17.1	-	.4	-	-	d
282	Plastic materials and plasticizers, synthetic resins, rubbers, and fibers.	504	100.0	25.2	66.3	8.1	0.1	-	.3	-	d
2821	Plastic materials and plasticizers, synthetic resins, rubbers, and fibers.	504	100.0	25.2	66.3	8.1	.1	-	.3	-	d
28211	Plastic materials and plasticizers, synthetic resins, and nonvulcanizable elastomers.....	405	100.0	24.1	66.8	8.6	.1	-	.4	-	d
284	Soap and detergents, cleaning preparations, perfumes, cosmetics, and other toilet preparations.....	661	100.0	17.9	76.4	3.5	-	2.0	.1	.1	e
2841	Soap and other detergents (except specialty cleansers).....	337	100.0	22.0	73.3	4.0	-	.7	-	-	b
28423	Waxes and polishing preparations and related products.....	39	100.0	10.6	66.5	7.3	-	15.1	-	.5	d
2844	Perfumes, cosmetics, and other toilet preparations.....	75	100.0	6.9	92.0	.2	.1	.3	.5	-	d
28441	Perfumes, cosmetics, and other toilet preparations.....	75	100.0	6.9	92.0	.2	.1	.3	.5	-	d
285	Paints, varnishes, lacquers, enamels, and allied products.....	172	100.0	1.5	76.5	20.6	.2	.6	.1	.5	e
2851	Paints, varnishes, lacquers, enamels, and allied products.....	172	100.0	1.5	76.5	20.6	.2	.6	.1	.5	e
28511	Paints, varnishes, lacquers, enamels, and shellacs.....	127	100.0	.3	75.0	23.3	-	.7	-	.7	d
29	Petroleum and coal products.....	22,802	100.0	4.1	12.2	10.7	-	73.0	-	-	d
291	Products of petroleum refining.....	21,814	100.0	3.8	11.4	8.6	-	76.2	-	-	d
2911	Products of petroleum refining (except liquefied petroleum gases and petroleum coke and breeze).....	21,586	100.0	3.5	11.0	8.4	-	77.1	-	-	d
29111	Gasoline, jet fuels, and other high volatile petroleum fuels (except natural gasoline).....	3,659	100.0	2.9	15.6	28.2	-	53.3	-	-	d
29113	Distillate fuel oil.....	1,321	100.0	24.9	45.1	13.9	-	16.1	-	-	d
29114	Lubricating oils and similar light oils and derivatives.....	321	100.0	20.8	59.4	19.8	-	-	-	-	e
29116	Petroleum asphalt, tar, and pitches (including coke-oven and coal tar)....	843	100.0	21.2	42.0	36.8	-	-	-	-	d
2912	Liquefied petroleum and coal gases.....	228	100.0	28.4	41.4	30.2	-	-	-	-	d
29121	Liquefied petroleum and coal gases.....	228	100.0	28.4	41.4	30.2	-	-	-	-	d
295	Paving and roofing materials.....	972	100.0	11.8	30.7	56.5	-	1.0	-	-	d
2952	Asphalt felt and coatings.....	664	100.0	17.2	39.0	42.4	-	1.4	-	-	d
29521	Asphalt and tar saturated felts, boards, roofing, and siding.....	176	100.0	6.9	51.9	38.3	-	2.9	-	-	d
29523	Asphalt shingles and siding.....	365	100.0	27.1	42.5	29.5	-	.9	-	-	d
30	Rubber and miscellaneous plastics.....	574	100.0	40.9	45.6	12.0	.7	.2	.5	.1	d
301	Tires and inner tubes.....	251	100.0	61.0	32.2	6.5	-	-	.1	.1	d
3011	Tires and inner tubes.....	251	100.0	61.0	32.2	6.5	-	-	.1	.1	d
30111	Pneumatic tires.....	214	100.0	67.6	27.4	4.7	-	-	.1	.1	d

See footnote at end of table.

TABLE 1. Percent Distribution of Commodities, by Means of Transport: 1967--Continued

TCC code	Commodity	Number	Percent distribution by means of transport								Sampling variability code ¹
			All means of transport	Rail	Motor carrier	Private truck	Air	Water	Other	Unknown	
	TONS OF SHIPMENTS--Continued	(thousands of tons)									
306	Miscellaneous fabricated rubber products.....	53	100.0	20.2	48.3	27.9	0.1	2.3	1.2	-	d
3061	Miscellaneous fabricated rubber products.....	53	100.0	20.2	48.3	27.9	.1	2.3	1.2	-	d
30619	Fabricated rubber products, n.e.c.....	32	100.0	2.4	54.6	42.2	.1	.2	.5	-	d
307	Miscellaneous plastic products.....	240	100.0	18.4	63.5	15.4	1.7	.1	.8	0.1	c
3071	Miscellaneous plastic products.....	240	100.0	18.4	63.5	15.4	1.7	.1	.8	.1	c
30719	Fabricated plastics products, n.e.c.... (including footwear made wholly of plastic).....	53	100.0	29.3	51.8	13.0	5.7	-	.2	-	d
32	Stone, clay, and glass products.....	5,497	100.0	20.1	48.7	31.0	-	.1	-	.1	a
322	Glass and glassware, pressed and blown.	625	100.0	9.9	64.8	25.1	-	.2	-	-	b
3221	Glass containers, caps and covers.....	594	100.0	10.4	62.9	26.5	-	.2	-	-	b
32212	Glass bottles.....	485	100.0	12.4	59.0	28.4	-	.2	-	-	a
324	Hydraulic cement.....	2,913	100.0	18.8	57.5	23.6	-	-	-	.1	a
3241	Hydraulic cement.....	2,913	100.0	18.8	57.5	23.6	-	-	-	.1	a
325	Structural clay products.....	276	100.0	6.8	35.9	56.4	-	.9	-	-	d
326	Pottery and related products.....	42	100.0	19.9	74.3	3.0	.1	1.0	1.7	-	d
3269	Miscellaneous pottery products.....	15	100.0	-	96.4	.1	-	.4	3.1	-	d
32699	Pottery products, n.e.c.....	15	100.0	-	96.4	.1	-	.4	3.1	-	d
327	Concrete, gypsum, plaster, and plaster products.....	1,298	100.0	16.9	29.6	53.2	-	.2	-	.1	c
3271	Concrete products.....	1,001	100.0	3.4	28.6	67.6	-	.3	-	.1	c
32714	Concrete pipe, tile, conduit, culverts, and drains.....	957	100.0	3.6	29.5	66.4	-	.3	-	.2	c
329	Abrasives, asbestos, and miscellaneous nonmetallic mineral products.....	333	100.0	74.4	21.1	4.1	-	.1	.3	-	d
3293	Steam and other packing and pipe and boiler covering.....	1	100.0	1.0	85.7	.8	4.8	-	7.7	-	d
33	Primary metal products.....	2,757	100.0	31.4	59.3	9.2	-	.1	-	-	b
331	Steel works and rolling mill products..	2,342	100.0	34.1	59.3	6.6	-	-	-	-	b
3312	Primary iron and steel products (except coke-oven products).....	2,325	100.0	33.9	59.7	6.4	-	-	-	-	b
33124	Bars, bar shapes, and rods.....	535	100.0	18.6	67.1	14.3	-	-	-	-	d
33219	Iron and steel castings, n.e.c.....	91	100.0	1.5	55.7	42.7	-	-	.1	-	d
333	Nonferrous metals primary smelter products (slab, ingot, pig, etc., and residues).....	30	100.0	47.0	10.4	42.6	-	-	-	-	c
335	Nonferrous metal basic shapes.....	201	100.0	22.6	57.6	18.7	-	.7	.4	-	c
3352	Aluminum and aluminum base alloy basic shapes (except aluminum foil).....	87	100.0	19.0	76.2	3.6	.1	.4	.7	-	b
33523	Aluminum and aluminum base alloy rods and bars.....	8	100.0	-	100.0	-	-	-	-	-	d
33524	Aluminum and aluminum base alloy pipe and tube.....	13	100.0	32.6	62.0	.4	.4	.2	4.4	-	d
336	Nonferrous and nonferrous base alloy castings.....	13	100.0	13.7	66.6	15.1	4.2	-	.4	-	d
339	Miscellaneous primary metal products...	28	100.0	15.5	71.2	12.7	.6	-	-	-	c
3392	Nonferrous forgings.....	16	100.0	18.4	75.1	5.5	1.0	-	-	-	c
33921	Nonferrous forgings.....	16	100.0	18.4	75.1	5.5	1.0	-	-	-	c
34	Fabricated metal products.....	1,482	100.0	22.1	59.1	17.8	.3	.4	.2	.1	b
341	Metal cans.....	177	100.0	10.9	63.3	24.9	-	.9	-	-	a
3411	Metal cans.....	177	100.0	10.9	63.3	24.9	-	.9	-	-	a
34111	Metal cans.....	177	100.0	10.9	63.3	24.9	-	.9	-	-	a

See footnote at end of table.

TABLE 1. Percent Distribution of Commodities, by Means of Transport: 1967--Continued

TCC code	Commodity	Number	Percent distribution by means of transport								Sampling variability code ¹
			All means of transport	Rail	Motor carrier	Private truck	Air	Water	Other	Unknown	
	TONS OF SHIPMENTS--Continued	(thousands of tons)									
343	Plumbing fixtures and heating apparatus (except electric).....	82	100.0	0.9	72.5	24.9	-	0.1	0.8	0.8	d
344	Structural and miscellaneous metal products.....	540	100.0	15.2	64.3	19.6	0.1	.6	.1	.1	c
3441	Structural metal products.....	275	100.0	18.7	78.8	2.3	-	-	-	.2	d
34411	Structural metal products, iron and steel.....	271	100.0	18.9	78.5	2.4	-	-	-	.2	d
3443	Fabricated plate products (boiler shop products).....	57	100.0	9.4	67.1	23.2	-	-	.2	.1	d
346	Metal stampings.....	40	100.0	2.5	72.8	23.5	1.1	-	.1	-	b
3461	Metal stampings.....	40	100.0	2.5	72.8	23.5	1.1	-	.1	-	b
3499	Fabricated metal products, n.e.c.....	73	100.0	44.2	30.1	24.6	.6	-	.5	-	d
35	Machinery, except electrical.....	583	100.0	.4	78.8	17.6	.8	1.2	1.2	-	d
353	Construction, mining, and materials handling machinery and equipment.....	74	100.0	.1	87.2	2.8	.4	9.2	.3	-	d
3531	Construction machinery and equipment...	13	100.0	.5	81.4	6.9	.5	9.3	1.4	-	b
3533	Oil field machinery and equipment.....	33	100.0	-	96.6	-	.3	3.1	-	-	d
35331	Oil and gas field drilling and field production machinery and equipment....	33	100.0	-	97.4	-	.3	2.3	-	-	d
3544	Special dies and tools, die sets, jigs, fixtures, and industrial molds and patterns.....	4	100.0	-	77.1	17.5	5.3	-	.1	-	d
35441	Special dies and tools, die sets, jigs, and fixtures.....	4	100.0	-	77.1	17.5	5.3	-	.1	-	d
359	Miscellaneous machinery and parts (except electrical).....	14	100.0	1.5	88.7	7.1	1.3	.3	.8	.3	d
3599	Miscellaneous machinery and parts (except electrical).....	14	100.0	1.5	88.7	7.1	1.3	.3	.8	.3	d
35999	Machinery and parts, n.e.c. (except electrical).....	14	100.0	1.5	88.7	7.1	1.3	.3	.8	.3	d
36	Electrical machinery and equipment....	296	100.0	10.4	62.9	18.9	2.4	1.7	3.4	.3	b
361	Electrical transmission and distribution equipment.....	4	100.0	2.9	66.9	6.1	20.8	-	3.3	-	d
3611	Electrical measuring instruments and test equipment.....	3	100.0	4.0	75.0	.6	17.2	-	3.2	-	d
363	Household appliances.....	101	100.0	27.2	48.7	21.8	-	1.1	.4	.8	d
364	Electric lighting and wiring equipment.	56	100.0	1.3	94.8	.7	.3	2.2	.6	.1	d
3642	Lighting fixtures.....	39	100.0	.8	94.2	.9	.2	3.2	.5	.2	d
36421	Electric fixtures, residential, commercial, institutional, and industrial types.....	37	100.0	.8	95.3	.9	.1	2.2	.5	.2	d
365	Radio and television receiving sets (except communication types), phonographs, and phonograph records.....	39	100.0	4.3	67.9	6.1	1.6	1.9	18.2	-	b
3651	Radio and television receiving sets (except communication types), and phonographs.....	24	100.0	7.0	77.1	9.8	2.2	3.0	.9	-	c
36511	Household and automotive radios, radio-phonograph combinations, and phonographs.....	13	100.0	.1	83.3	10.3	4.1	.6	1.6	-	d
3652	Phonograph records, record blanks, and prerecorded tapes.....	15	100.0	-	52.5	-	.8	.1	46.6	-	d
36521	Phonograph records, record blanks, and prerecorded tapes.....	15	100.0	-	52.5	-	.8	.1	46.6	-	d
366	Communication equipment.....	2	100.0	.7	51.8	4.3	16.4	13.3	13.5	-	d

See footnote at end of table.

TABLE 1. Percent Distribution of Commodities, by Means of Transport: 1967--Continued

TCC code	Commodity	Number	Percent distribution by means of transport								Sampling variability code
			All means of transport	Rail	Motor carrier	Private truck	Air	Water	Other	Unknown	
	TONS OF SHIPMENTS--Continued	(thousands of tons)									
3662	Radio and television transmitting, signaling, and detection equipment and apparatus.....	2	100.0	1.1	52.8	6.5	24.7	-	14.9	-	d
36621	Radio and television transmitting, signaling, and detection equipment and apparatus.....	2	100.0	1.1	52.8	6.5	24.7	-	14.9	-	d
37	Transportation equipment.....	785	100.0	46.5	48.6	2.0	1.0	1.4	.5	-	b
371	Motor vehicles and motor vehicle equipment.....	545	100.0	56.2	40.7	.4	.1	2.1	.5	-	a
3711	Motor vehicles.....	524	100.0	58.1	39.3	-	-	2.1	.5	-	a
3714	Motor vehicle parts and accessories....	6	100.0	28.3	52.5	6.6	10.9	-	1.7	-	d
38	Instruments, photographic goods, optical goods, watches, and clocks.....	24	100.0	12.5	66.2	1.0	12.9	1.0	6.2	0.2	c
382	Measuring, controlling, and indicating instruments.....	11	100.0	2.8	75.2	.5	12.2	-	9.1	.2	b
3822	Automatic temperature controls.....	9	100.0	3.4	76.3	.1	10.5	-	9.7	-	b
38221	Automatic temperature controls.....	9	100.0	3.4	76.3	.1	10.5	-	9.7	-	b
39	Miscellaneous products of manufacturing	136	100.0	35.6	52.1	5.3	.2	1.4	3.4	2.0	b
399	Miscellaneous manufactured products....	47	100.0	-	82.8	9.6	.3	-	1.5	5.8	d
	TON-MILES OF SHIPMENTS	(millions of ton-miles)									
	Production Area 25, total.....	20,336	100.0	37.7	19.4	5.0	.4	37.2	.3	-	-
20	Food and kindred products.....	5,290	100.0	79.4	12.4	5.9	-	2.3	-	-	-
201	Meat, poultry, and small game; fresh, chilled or frozen.....	240	100.0	48.7	39.7	11.0	-	.6	-	-	-
2013	Meat products.....	30	100.0	6.6	85.2	4.0	-	4.2	-	-	-
20132	Meats and sausage, cooked, cured, dried, smoked, or salted.....	29	100.0	6.8	84.9	4.0	-	4.3	-	-	-
2014	Animal byproducts, inedible.....	27	100.0	54.0	33.1	12.7	-	.2	-	-	-
203	Canned and preserved fruits, vegetables and seafoods.....	3,896	100.0	89.6	4.0	5.1	-	1.3	-	-	-
204	Grain mill products.....	357	100.0	57.0	33.3	6.5	-	3.2	-	-	-
2042	Prepared feed for animals, fish, and fowls (except hay, straw, or related products).....	291	100.0	65.2	26.2	7.9	-	.7	-	-	-
208	Beverages and flavoring extracts.....	372	100.0	66.9	18.8	9.0	-	5.3	-	-	-
2082	Malt liquors.....	358	100.0	68.7	17.6	8.3	-	5.4	-	-	-
20821	Beer, ale, porter, and stout in barrels, bottles, cans, or kegs.....	358	100.0	68.7	17.6	8.3	-	5.4	-	-	-
2086	Bottled and canned soft drinks and carbonated, mineral, and plain waters.	5	100.0	7.1	19.7	64.1	-	9.1	-	-	-
20861	Bottled and canned soft drinks and carbonated, mineral, and plain waters....	5	100.0	7.1	19.7	64.1	-	9.1	-	-	-
2087	Miscellaneous flavoring extracts, sirups, and flavoring compounds (except chocolate sirups).....	9	100.0	25.7	68.3	5.0	.2	-	.8	-	-
20871	Flavoring extracts, emulsions, and flavoring compounds.....	9	100.0	25.7	68.3	5.0	.2	-	.8	-	-
209	Miscellaneous food preparations and kindred products.....	360	100.0	35.8	47.9	6.3	-	9.9	-	.1	-
233	Women's, misses', girls', and infants' clothing.....	21	100.0	33.8	6.4	.4	49.4	.5	9.5	-	-
2331	Women's, misses', girls', and infants' clothing.....	21	100.0	33.8	6.4	.4	49.4	.5	9.5	-	-
23311	Women's, misses', girls', and infants' clothing.....	21	100.0	33.8	6.4	.4	49.4	.5	9.5	-	-

See footnote at end of table.

TABLE 1. Percent Distribution of Commodities, by Means of Transport: 1967--Continued

TCC code	Commodity	Number	Percent distribution by means of transport								Sampling variability code ¹
			All means of transport	Rail	Motor carrier	Private truck	Air	Water	Other	Unknown	
	TON-MILES OF SHIPMENTS--Continued	(millions of ton-miles)									
25	Furniture and fixtures.....	87	100.0	33.3	56.4	6.5	0.8	1.6	1.2	0.2	-
251	Household and office furniture.....	82	100.0	35.1	56.3	6.6	-	1.7	.1	.2	-
2513	Couches, davenports, love seats, sofas, and settees.....	11	100.0	-	74.3	15.7	-	10.0	-	-	-
25131	Couches, davenports, love seats, sofas, and settees.....	11	100.0	-	74.3	15.7	-	10.0	-	-	-
2516	Dressers, vanities, chests of drawers, and beds (except hospital beds).....	6	100.0	34.9	40.2	24.6	-	.3	-	-	-
25161	Dressers, vanities, chests of drawers, and beds (except hospital beds).....	6	100.0	34.9	40.2	24.6	-	.3	-	-	-
26	Pulp, paper, and allied products.....	292	100.0	35.7	45.5	14.4	.1	3.7	.6	-	-
263	Paperboard, fiberboard, and pulpboard (except insulating board).....	25	100.0	57.2	31.4	11.4	-	-	-	-	-
2631	Paperboard, fiberboard, and pulpboard (except insulating board).....	25	100.0	57.2	31.4	11.4	-	-	-	-	-
26311	Paperboard, fiberboard, and pulpboard (except insulating board).....	25	100.0	57.2	31.4	11.4	-	-	-	-	-
264	Converted paper and paperboard products (except containers and boxes).....	98	100.0	43.8	52.6	1.0	.2	1.3	1.1	-	-
265	Containers, boxes, and related products, paperboard, fiberboard, and pulpboard.	132	100.0	23.4	40.8	28.3	-	7.0	.5	-	-
2651	Containers, boxes, baskets, pallets and skids, paperboard, fiberboard, and pulpboard.....	107	100.0	17.4	39.7	34.5	-	8.4	-	-	-
26511	Containers and boxes, paperboard, fiberboard, and pulpboard.....	107	100.0	17.4	39.5	34.6	-	8.5	-	-	-
2654	Sanitary food containers.....	25	100.0	49.6	45.1	1.8	-	.7	2.8	-	-
28	Chemicals and allied products.....	1,210	100.0	40.9	46.1	6.0	.3	6.3	.3	.1	-
281	Industrial chemicals.....	499	100.0	44.0	37.8	11.2	-	7.0	-	-	-
282	Plastic materials and plasticizers, synthetic resins, rubbers, and fibers.	271	100.0	69.1	27.9	1.9	.2	-	.9	-	-
2821	Plastic materials and plasticizers, synthetic resins, rubbers, and fibers.	271	100.0	69.1	27.9	1.9	.2	-	.9	-	-
28211	Plastic materials and plasticizers, synthetic resins, and nonvulcanizable elastomers.....	223	100.0	64.3	32.6	1.8	.2	-	1.1	-	-
284	Soap and detergents, cleaning preparations, perfumes, cosmetics, and other toilet preparations.....	276	100.0	24.2	60.8	1.4	.1	13.4	.1	-	-
2841	Soap and other detergents (except specialty cleansers).....	97	100.0	35.2	55.2	3.2	-	6.4	-	-	-
28423	Waxes and polishing preparations and related products.....	27	100.0	13.4	27.5	.5	-	58.6	-	-	-
2844	Perfumes, cosmetics, and other toilet preparations.....	56	100.0	15.8	82.0	.3	.3	1.2	.4	-	-
28441	Perfumes, cosmetics, and other toilet preparations.....	56	100.0	15.8	82.0	.3	.3	1.2	.4	-	-
285	Paints, varnishes, lacquers, enamels, and allied products.....	61	100.0	3.6	86.9	2.8	1.0	4.0	.1	1.6	-
2851	Paints, varnishes, lacquers, enamels, and allied products.....	61	100.0	3.6	86.9	2.8	1.0	4.0	.1	1.6	-
28511	Paints, varnishes, lacquers, enamels, and shellacs.....	46	100.0	.9	88.6	2.9	.3	5.2	-	2.1	-
29	Petroleum and coal products.....	8,073	100.0	4.0	5.5	1.9	-	88.6	-	-	-
291	Products of petroleum refining.....	7,897	100.0	3.3	5.2	1.3	-	90.2	-	-	-
2911	Products of petroleum refining (except liquefied petroleum gases and petroleum coke and breeze).....	7,818	100.0	2.5	5.2	1.2	-	91.1	-	-	-

See footnote at end of table.

TABLE 1. Percent Distribution of Commodities, by Means of Transport: 1967--Continued

TCC code	Commodity	Number	Percent distribution by means of transport								Sampling variability code ¹
			All means of transport	Rail	Motor carrier	Private truck	Air	Water	Other	Unknown	
	TON-MILES OF SHIPMENTS--Continued	(millions of ton-miles)									
29111	Gasoline, jet fuels, and other high volatile petroleum fuels (except natural gasoline).....	1,792	100.0	1.3	5.6	2.6	-	90.5	-	-	-
29113	Distillate fuel oil.....	160	100.0	36.5	15.6	4.4	-	43.5	-	-	-
29114	Lubricating oils and similar light oils and derivatives.....	49	100.0	56.9	31.6	11.5	-	-	-	-	-
29116	Petroleum asphalt, tar, and pitches (including coke-oven and coal tar)....	102	100.0	44.7	33.3	22.0	-	-	-	-	-
2912	Liquefied petroleum and coal gases.....	79	100.0	88.2	5.1	6.7	-	-	-	-	-
29121	Liquefied petroleum and coal gases.....	79	100.0	88.2	5.1	6.7	-	-	-	-	-
295	Paving and roofing materials.....	173	100.0	36.6	18.7	29.6	-	15.1	-	-	-
2952	Asphalt felt and coatings.....	152	100.0	41.8	19.4	21.5	-	17.3	-	-	-
29521	Asphalt and tar saturated felts, boards, roofing, and siding.....	39	100.0	20.4	27.1	17.0	-	35.5	-	-	-
29523	Asphalt shingles and siding.....	101	100.0	53.3	17.2	20.4	-	9.1	-	-	-
30	Rubber and miscellaneous plastics.....	372	100.0	50.8	43.0	3.0	2.0	1.0	0.2	-	-
301	Tires and inner tubes.....	139	100.0	73.6	25.3	1.1	-	-	-	-	-
3011	Tires and inner tubes.....	139	100.0	73.6	25.3	1.1	-	-	-	-	-
30111	Pneumatic tires.....	132	100.0	76.5	22.6	.8	.1	-	-	-	-
306	Miscellaneous fabricated rubber products.....	45	100.0	27.3	61.9	2.8	.2	7.4	.4	-	-
3061	Miscellaneous fabricated rubber products.....	45	100.0	27.3	61.9	2.8	.2	7.4	.4	-	-
30619	Fabricated rubber products, n.e.c.....	26	100.0	6.9	88.3	3.8	.1	.6	.3	-	-
307	Miscellaneous plastic products.....	180	100.0	37.6	53.1	4.7	4.1	.2	.3	-	-
3071	Miscellaneous plastic products.....	180	100.0	37.6	53.1	4.7	4.1	.2	.3	-	-
30719	Fabricated plastics products, n.e.c. (including footwear made wholly of plastic).....	59	100.0	51.0	38.7	1.2	9.1	-	-	-	-
32	Stone, clay, and glass products.....	1,009	100.0	50.3	34.6	13.1	-	1.8	.2	-	-
322	Glass and glassware, pressed and blown.....	145	100.0	31.9	58.6	7.5	-	2.0	-	-	-
3221	Glass containers, caps and covers.....	140	100.0	33.2	56.9	7.8	-	2.1	-	-	-
32212	Glass bottles.....	119	100.0	37.8	52.3	7.4	-	2.5	-	-	-
324	Hydraulic cement.....	278	100.0	34.6	46.6	18.8	-	-	-	-	-
3241	Hydraulic cement.....	278	100.0	34.6	46.6	18.8	-	-	-	-	-
325	Structural clay products.....	49	100.0	6.6	34.4	45.1	.3	13.6	-	-	-
326	Pottery and related products.....	44	100.0	18.8	75.6	.3	.1	2.6	2.6	-	-
3269	Miscellaneous pottery products.....	22	100.0	-	95.1	.1	-	.7	4.1	-	-
32699	Pottery products, n.e.c.....	22	100.0	-	95.1	.1	-	.7	4.1	-	-
327	Concrete, gypsum, plaster, and plaster products.....	141	100.0	41.6	26.9	27.0	-	4.5	-	-	-
3271	Concrete products.....	85	100.0	10.4	39.1	43.0	-	7.4	-	0.1	-
32714	Concrete pipe, tile, conduit, culverts, and drains.....	82	100.0	10.7	40.0	41.6	-	7.6	-	.1	-
329	Abrasives, asbestos, and miscellaneous nonmetallic mineral products.....	346	100.0	84.8	12.1	2.6	-	.2	.3	-	-
3293	Steam and other packing and pipe and boiler covering.....	-	-	-	-	-	-	-	-	-	-
33	Primary metal products.....	902	100.0	51.6	43.7	3.9	.2	.4	.2	-	-
331	Steel works and rolling mill products..	637	100.0	57.6	38.9	3.5	-	-	-	-	-
3312	Primary iron and steel products (except coke-oven products).....	629	100.0	57.4	39.4	3.2	-	-	-	-	-
33124	Bars, bar shapes, and rods.....	110	100.0	34.2	58.4	7.4	-	-	-	-	-

See footnote at end of table.

TABLE 1. Percent Distribution of Commodities, by Means of Transport: 1967--Continued

TCC code	Commodity	Number	Percent distribution by means of transport								Sampling variability code ¹
			All means of transport	Rail	Motor carrier	Private truck	Air	Water	Other	Unknown	
	TON-MILES OF SHIPMENTS--Continued	(millions of ton-miles)									
33219	Iron and steel castings, n.e.c.....	27	100.0	6.3	86.0	7.1	0.1	0.4	0.1	-	-
333	Nonferrous metals primary smelter products (slab, ingot, pig, etc., and residues).....	17	100.0	92.1	4.1	3.8	-	-	-	-	-
335	Nonferrous metal basic shapes.....	163	100.0	41.9	49.6	5.5	.1	2.0	.9	-	-
3352	Aluminum and aluminum base alloy basic shapes (except aluminum foil).....	92	100.0	35.2	62.6	.2	.1	.4	1.5	-	-
33523	Aluminum and aluminum base alloy rods and bars.....	11	100.0	-	100.0	-	-	-	-	-	-
33524	Aluminum and aluminum base alloy pipe and tube.....	11	100.0	47.7	39.7	-	.5	-	12.1	-	-
336	Nonferrous and nonferrous base alloy castings.....	16	100.0	22.5	70.5	.3	6.6	-	.1	-	-
339	Miscellaneous primary metal products...	34	100.0	28.8	68.6	1.6	1.0	-	-	-	-
3392	Nonferrous forgings.....	21	100.0	29.6	68.6	.1	1.7	-	-	-	-
33921	Nonferrous forgings.....	21	100.0	29.6	68.6	.1	1.7	-	-	-	-
34	Fabricated metal products.....	635	100.0	33.2	56.7	6.3	1.0	2.0	.6	0.2	-
341	Metal cans.....	24	100.0	42.7	48.2	8.3	.6	.1	.1	-	-
3411	Metal cans.....	24	100.0	42.7	48.2	8.3	.6	.1	.1	-	-
34111	Metal cans.....	24	100.0	42.7	48.2	8.3	.6	.1	.1	-	-
343	Plumbing fixtures and heating apparatus (except electric).....	58	100.0	1.5	80.9	14.8	.1	.2	.9	1.6	-
344	Structural and miscellaneous metal products.....	175	100.0	33.3	51.0	9.9	.6	4.9	.2	.1	-
3441	Structural metal products.....	45	100.0	67.3	31.0	.9	.5	.3	-	-	-
34411	Structural metal products, iron and steel.....	42	100.0	72.0	26.5	1.0	.5	-	-	-	-
3443	Fabricated plate products (boiler shop products).....	19	100.0	23.8	72.8	1.3	.2	-	1.3	.6	-
346	Metal stampings.....	11	100.0	10.5	66.6	16.3	5.9	-	.7	-	-
3461	Metal stampings.....	11	100.0	10.5	66.6	16.3	5.9	-	.7	-	-
3499	Fabricated metal products, n.e.c.....	50	100.0	38.3	58.9	.7	1.5	-	.6	-	-
35	Machinery, except electrical.....	462	100.0	.5	56.7	36.0	2.0	4.0	.8	-	-
353	Construction, mining, and materials handling machinery and equipment.....	69	100.0	.2	71.6	.5	.7	26.5	.5	-	-
3531	Construction machinery and equipment...	17	100.0	.5	77.5	.3	.7	19.5	1.5	-	-
3533	Oil field machinery and equipment.....	26	100.0	-	90.6	-	.6	8.8	-	-	-
35331	Oil and gas field drilling and field production machinery and equipment....	26	100.0	-	90.6	-	.6	8.8	-	-	-
3544	Special dies and tools, die sets, jigs, fixtures, and industrial molds and patterns.....	3	100.0	-	90.8	.4	8.7	-	.1	-	-
35441	Special dies and tools, die sets, jigs, and fixtures.....	3	100.0	-	90.8	.4	8.7	-	.1	-	-
359	Miscellaneous machinery and parts (except electrical).....	18	100.0	.3	93.7	2.3	2.1	.6	.5	.5	-
3599	Miscellaneous machinery and parts (except electrical).....	18	100.0	.3	93.7	2.3	2.1	.6	.5	.5	-
35999	Machinery and parts, n.e.c. (except electrical).....	18	100.0	.3	93.7	2.3	2.1	.6	.5	.5	-
36	Electrical machinery and equipment.....	300	100.0	14.0	61.4	10.1	4.5	3.6	5.9	.5	-
361	Electrical transmission and distribution equipment.....	6	100.0	3.9	61.6	.1	30.5	-	3.9	-	-
3611	Electrical measuring instruments and test equipment.....	4	100.0	5.1	68.2	-	22.8	-	3.9	-	-

See footnote at end of table.

TABLE 1. Percent Distribution of Commodities, by Means of Transport: 1967--Continued

TCC code	Commodity	Number	Percent distribution by means of transport								Sampling variability code ¹
			All means of transport	Rail	Motor carrier	Private truck	Air	Water	Other	Unknown	
	TON-MILES OF SHIPMENTS--Continued	(millions of ton-miles)									
363	Household appliances.....	88	100.0	42.0	49.4	3.0	-	3.5	0.3	1.8	-
364	Electric lighting and wiring equipment.....	52	100.0	2.3	89.6	-	0.7	6.6	.8	-	-
3642	Lighting fixtures.....	26	100.0	1.5	83.6	.1	.6	13.0	1.1	.1	-
36421	Electric fixtures, residential, commercial, institutional, and industrial types.....	24	100.0	1.6	87.5	.1	.2	9.3	1.2	.1	-
365	Radio and television receiving sets (except communication types), phonographs, and phonograph records.....	47	100.0	4.5	54.5	2.6	2.3	4.2	31.9	-	-
3651	Radio and television receiving sets (except communication types), and phonographs.....	24	100.0	8.9	73.3	5.2	3.5	8.2	.9	-	-
36511	Household and automotive radios, radio-phonograph combinations, and phonographs.....	14	100.0	.3	82.4	8.4	5.9	1.5	1.5	-	-
3652	Phonograph records, record blanks, and prerecorded tapes.....	23	100.0	-	35.4	-	1.0	.1	63.5	-	-
36521	Phonograph records, record blanks, and prerecorded tapes.....	23	100.0	-	35.4	-	1.0	.1	63.5	-	-
366	Communication equipment.....	3	100.0	.6	46.2	1.0	18.9	28.2	5.1	-	-
3662	Radio and television transmitting, signaling, and detection equipment and apparatus.....	2	100.0	1.1	51.6	1.9	37.3	-	8.0	.1	-
36621	Radio and television transmitting, signaling, and detection equipment and apparatus.....	2	100.0	1.1	51.6	1.9	37.3	-	8.0	.1	-
37	Transportation equipment.....	554	100.0	58.5	31.5	1.2	2.1	5.6	1.1	-	-
371	Motor vehicles and motor vehicle equipment.....	350	100.0	70.1	19.2	.4	.3	8.8	1.2	-	-
3711	Motor vehicles.....	322	100.0	75.2	13.9	-	-	9.6	1.3	-	-
3714	Motor vehicle parts and accessories....	8	100.0	39.4	37.6	8.3	13.9	-	.8	-	-
38	Instruments, photographic goods, optical goods, watches, and clocks.....	36	100.0	10.4	64.3	.1	17.6	.5	7.0	.1	-
382	Measuring, controlling, and indicating instruments.....	18	100.0	3.0	72.0	-	14.8	-	9.9	.3	-
3822	Automatic temperature controls.....	15	100.0	3.5	72.8	-	13.0	-	10.7	-	-
38221	Automatic temperature controls.....	15	100.0	3.5	72.8	-	13.0	-	10.7	-	-
39	Miscellaneous products of manufacturing.....	153	100.0	66.0	22.2	.4	.4	2.8	5.3	2.9	-
399	Miscellaneous manufactured products....	26	100.0	-	77.5	1.7	1.5	-	1.9	17.4	-

¹Code letter indicates a sampling variability range as follows: a, 0-9 percent; b, 10-19 percent; c, 20-29 percent; and d, 30-50 percent. The variability for ton-miles has not been estimated.

TABLE 2. Percent Distribution of Commodities, by Distance of Shipment: 1967

TCC code	Commodity	Number	Percent distribution by distance of shipment								Sampling variability code ¹
			All distances	Under 100 miles	100 to 199 miles	200 to 299 miles	300 to 499 miles	500 to 999 miles	1,000 to 1,499 miles	1,500 miles or over	
	TONS OF SHIPMENTS	(thousands of tons)									
	Production Area 25, total.....	49,102	100.0	50.1	6.5	2.7	15.6	10.6	6.5	8.0	-
20	Food and kindred products.....	7,242	100.0	27.4	6.6	4.9	21.4	11.3	4.0	24.4	a
201	Meat, poultry, and small game; fresh, chilled or frozen.....	632	100.0	48.0	22.7	1.6	11.8	3.9	.5	11.5	c
2013	Meat products.....	94	100.0	30.9	20.6	2.5	31.7	7.7	3.6	3.0	d
20132	Meats and sausage, cooked, cured, dried, smoked, or salted.....	84	100.0	30.3	14.9	2.8	35.9	8.7	4.1	3.3	d
2014	Animal byproducts, inedible.....	129	100.0	47.8	29.3	5.7	10.0	.8	-	6.4	d
203	Canned and preserved fruits, vegetables, and seafoods.....	3,497	100.0	7.5	1.7	7.1	21.4	13.6	6.6	42.1	a
204	Grain mill products.....	875	100.0	46.9	11.7	3.0	18.9	7.3	3.1	9.1	d
2042	Prepared feed for animals, fish, and fowls (except hay, straw, or related products).....	633	100.0	50.1	13.0	1.3	12.4	6.8	4.3	12.1	d
208	Beverages and flavoring extracts.....	1,164	100.0	51.8	6.9	3.5	20.0	9.9	1.8	6.1	b
2082	Malt liquors.....	959	100.0	43.5	8.0	4.1	23.3	11.8	2.1	7.2	b
20821	Beer, ale, porter, and stout in barrels, bottles, cans, or kegs.....	959	100.0	43.5	8.0	4.1	23.3	11.8	2.1	7.2	b
2086	Bottled and canned soft drinks and carbonated, mineral, and plain waters.	176	100.0	97.6	1.4	.5	.3	.1	-	.1	a
20861	Bottled and canned soft drinks and carbonated, mineral, and plain waters....	176	100.0	97.6	1.4	.5	.3	.1	-	.1	a
2087	Miscellaneous flavoring extracts, sirups, and flavoring compounds (except chocolate sirups).....	29	100.0	52.0	3.8	.7	32.7	5.4	.4	5.0	d
20871	Flavoring extracts, emulsions, and flavoring compounds.....	29	100.0	52.0	3.8	.7	32.7	5.4	.4	5.0	d
209	Miscellaneous food preparations and kindred products.....	745	100.0	29.4	6.2	3.3	35.7	14.0	1.3	10.1	d
233	Women's, misses', girls', and infants' clothing.....	15	100.0	15.7	1.9	1.9	8.0	6.6	5.5	60.4	c
2331	Women's, misses', girls', and infants' clothing.....	15	100.0	15.7	1.9	1.9	8.0	6.6	5.5	60.4	c
23311	Women's, misses', girls', and infants' clothing.....	15	100.0	15.7	1.9	1.9	8.0	6.6	5.5	60.4	c
25	Furniture and fixtures.....	215	100.0	45.8	9.1	3.8	22.0	6.9	2.7	9.7	c
251	Household and office furniture.....	204	100.0	44.8	9.3	4.0	22.5	7.1	2.7	9.6	c
2513	Couches, davenports, love seats, sofas, and settees.....	41	100.0	35.8	15.0	8.4	34.9	3.7	.1	2.1	d
25131	Couches, davenports, love seats, sofas, and settees.....	41	100.0	35.8	15.0	8.4	34.9	3.7	.1	2.1	d
2516	Dressers, vanities, chests of drawers, and beds (except hospital beds).....	20	100.0	35.9	17.9	5.3	29.7	7.5	.1	3.6	d
25161	Dressers, vanities, chests of drawers, and beds (except hospital beds).....	20	100.0	35.9	17.9	5.3	29.7	7.5	.1	3.6	d
26	Pulp, paper, and allied products.....	1,087	100.0	49.9	8.3	3.2	21.6	15.0	.1	1.9	e
263	Paperboard, fiberboard, and pulpboard (except insulating board).....	100	100.0	41.5	5.9	6.8	32.5	13.3	-	-	e
2631	Paperboard, fiberboard, and pulpboard (except insulating board).....	100	100.0	41.5	5.9	6.8	32.5	13.3	-	-	e
26311	Paperboard, fiberboard, and pulpboard (except insulating board).....	100	100.0	41.5	5.9	6.8	32.5	13.3	-	-	e
264	Converted paper and paperboard products (except containers and boxes).....	237	100.0	27.7	5.8	3.3	36.0	23.1	.3	3.3	e
265	Containers, boxes and related products, paperboard, fiberboard, and pulpboard.	627	100.0	59.6	9.7	3.1	13.0	13.7	.1	.5	e

See footnote at end of table.

TABLE 2. Percent Distribution of Commodities, by Distance of Shipment: 1967--Continued

TCC code	Commodity	Number	Percent distribution by distance of shipment								Sampling variability code ¹
			All distances	Under 100 miles	100 to 199 miles	200 to 299 miles	300 to 499 miles	500 to 999 miles	1,000 to 1,499 miles	1,500 miles or over	
	TON OF SHIPMENTS--Continued	(thousands of tons)									
2651	Containers, boxes, baskets, pallets and skids, paperboard, fiberboard, and pulpboard.....	569	100.0	64.1	9.5	2.4	11.1	12.0	0.1	0.8	d
26511	Containers and boxes, paperboard, fiberboard, and pulpboard.....	567	100.0	64.4	9.4	2.4	10.9	12.0	.1	.8	d
2654	Sanitary food containers.....	59	100.0	17.5	12.2	9.1	30.9	29.9	.1	.3	d
28	Chemicals and allied products.....	4,649	100.0	58.5	5.9	5.0	17.6	7.6	.9	4.5	d
281	Industrial chemicals.....	2,900	100.0	67.1	5.5	5.1	14.9	5.8	.4	1.2	d
282	Plastic materials and plasticizers, synthetic resins, rubbers, and fibers.	504	100.0	59.7	2.4	.3	10.2	2.8	2.4	22.2	d
2821	Plastic materials and plasticizers, synthetic resins, rubbers, and fibers.	504	100.0	59.7	2.4	.3	10.2	2.8	2.4	22.2	d
28211	Plastic materials and plasticizers, synthetic resins, and nonvulcanizable elastomers.....	405	100.0	57.3	2.9	.4	12.5	1.3	3.0	22.6	d
284	Soap and detergents, cleaning preparations, perfumes, cosmetics, and other toilet preparations.....	661	100.0	39.9	3.9	2.4	26.6	18.9	1.9	6.4	c
2841	Soap and other detergents (except specialty cleansers).....	337	100.0	45.0	4.1	2.5	34.7	11.0	.5	2.2	b
28423	Waxes and polishing preparations and related products.....	39	100.0	29.6	3.3	2.1	29.4	16.8	2.1	16.7	d
2844	Perfumes, cosmetics, and other toilet preparations.....	75	100.0	28.8	7.7	1.9	11.0	15.9	7.6	27.1	d
28441	Perfumes, cosmetics, and other toilet preparations.....	75	100.0	28.8	7.7	1.9	11.0	15.9	7.6	27.1	d
285	Paints, varnishes, lacquers, enamels, and allied products.....	172	100.0	30.9	12.9	2.3	36.6	11.7	1.7	3.9	c
2851	Paints, varnishes, lacquers, enamels, and allied products.....	172	100.0	30.9	12.9	2.3	36.6	11.7	1.7	3.9	c
28511	Paints, varnishes, lacquers, enamels, and shellacs.....	127	100.0	30.8	14.7	2.6	34.3	11.0	1.7	4.9	d
29	Petroleum and coal products.....	22,802	100.0	57.8	3.4	1.0	12.3	12.3	10.1	3.1	d
291	Products of petroleum refining.....	21,814	100.0	57.7	3.0	.7	12.5	12.4	10.5	3.2	d
2911	Products of petroleum refining (except liquefied petroleum gases and petroleum coke and breeze).....	21,586	100.0	57.6	2.9	.8	12.5	12.5	10.6	3.1	d
29111	Gasoline, jet fuels, and other high volatile petroleum fuels (except natural gasoline).....	3,659	100.0	58.8	4.5	1.2	9.5	14.2	-	1.8	d
29113	Distillate fuel oil.....	1,321	100.0	70.7	3.4	.4	25.3	.2	-	-	d
29114	Lubricating oils and similar light oils and derivatives.....	321	100.0	55.6	16.8	7.7	11.5	8.4	-	-	c
29116	Petroleum asphalt, tar, and pitches (including coke-oven and coal tar)....	843	100.0	61.8	13.1	9.2	15.8	.1	-	-	b
2912	Liquefied petroleum and coal gases.....	228	100.0	60.2	8.9	-	13.8	5.6	-	11.5	b
29121	Liquefied petroleum and coal gases.....	228	100.0	60.2	8.9	-	13.8	5.6	-	11.5	b
295	Paving and roofing materials.....	972	100.0	60.9	11.9	5.6	11.8	8.8	-	1.0	b
2952	Asphalt felt and coatings.....	664	100.0	53.9	11.4	4.1	16.3	12.9	-	1.4	c
29521	Asphalt and tar saturated felts, boards, roofing, and siding.....	176	100.0	58.2	14.9	1.8	16.1	6.1	-	2.9	d
29523	Asphalt shingles and siding.....	365	100.0	41.6	12.8	4.0	20.5	20.2	-	.9	d
30	Rubber and miscellaneous plastics products.....	574	100.0	33.7	10.0	1.3	12.2	15.0	11.3	16.5	b
301	Tires and inner tubes.....	251	100.0	31.5	9.4	1.2	18.2	19.2	11.7	8.8	b
3011	Tires and inner tubes.....	251	100.0	31.5	9.4	1.2	18.2	19.2	11.7	8.8	b
30111	Pneumatic tires.....	214	100.0	28.4	8.5	.1	17.3	21.6	13.7	10.4	b

See footnote at end of table.

TABLE 2. Percent Distribution of Commodities, by Distance of Shipment: 1967--Continued

TCC code	Commodity	Number	Percent distribution by distance of shipment								Sampling variability code ¹
			All distances	Under 100 miles	100 to 199 miles	200 to 299 miles	300 to 499 miles	500 to 999 miles	1,000 to 1,499 miles	1,500 miles or over	
	TONS OF SHIPMENTS--Continued	(thousands of tons)									
306	Miscellaneous fabricated rubber products.....	53	100.0	34.4	1.9	2.9	6.4	17.9	10.7	25.8	d
3061	Miscellaneous fabricated rubber products.....	53	100.0	34.4	1.9	2.9	6.4	17.9	10.7	25.8	d
30619	Fabricated rubber products, n.e.c.....	32	100.0	45.3	.9	.2	4.7	7.8	11.5	29.6	d
307	Miscellaneous plastic products.....	240	100.0	39.8	3.1	1.3	8.5	11.5	12.2	23.6	c
3071	Miscellaneous plastic products.....	240	100.0	39.8	3.1	1.3	8.5	11.5	12.2	23.6	c
30719	Fabricated plastics products, n.e.c. (including footwear made wholly of plastic).....	53	100.0	27.5	2.2	1.2	7.8	4.5	10.2	46.6	d
32	Stone, clay, and glass products.....	5,497	100.0	61.9	19.1	5.1	6.4	3.5	2.2	1.8	a
322	Glass and glassware, pressed and blown.	625	100.0	39.3	9.3	20.3	18.5	12.0	.2	.4	b
3221	Glass containers, caps and covers.....	594	100.0	37.4	9.7	21.0	19.4	12.1	-	.4	b
32212	Glass bottles.....	485	100.0	34.5	11.5	22.9	17.1	13.6	-	.4	a
324	Hydraulic cement.....	2,913	100.0	67.6	27.0	2.8	1.9	.3	.4	-	a
3241	Hydraulic cement.....	2,913	100.0	67.6	27.0	2.8	1.9	.3	.4	-	a
325	Structural clay products.....	276	100.0	66.2	12.5	2.8	12.1	4.9	.4	1.1	d
326	Pottery and related products.....	42	100.0	17.0	3.9	4.7	15.6	13.2	8.4	37.2	d
3269	Miscellaneous pottery products.....	15	100.0	5.9	3.5	1.4	13.1	6.8	12.2	57.1	d
32699	Pottery products, n.e.c.....	15	100.0	5.9	3.5	1.4	13.1	6.8	12.2	57.1	d
327	Concrete, gypsum, plaster, and plaster products.....	1,298	100.0	73.7	11.7	4.7	5.9	3.7	.1	.2	c
3271	Concrete products.....	1,001	100.0	76.8	12.3	5.5	4.3	.9	-	.2	c
32714	Concrete pipe, tile, conduit, culverts, and drains.....	957	100.0	76.1	12.5	5.8	4.4	1.0	-	.2	c
329	Abrasives, asbestos, and miscellaneous nonmetallic mineral products.....	333	100.0	11.5	4.0	.5	18.3	12.8	30.4	22.5	d
3293	Steam and other packing and pipe and boiler covering.....	1	100.0	57.6	2.3	11.4	5.4	6.3	5.6	11.4	d
33	Primary metal products.....	2,757	100.0	44.8	5.3	2.1	33.4	7.1	3.0	4.3	b
331	Steel works and rolling mill products..	2,342	100.0	46.2	4.8	2.2	36.6	6.3	2.2	1.7	b
3312	Primary iron and steel products (except coke-oven products).....	2,325	100.0	46.4	4.6	2.2	36.8	6.0	2.3	1.7	b
33124	Bars, bar shapes, and rods.....	535	100.0	45.9	3.4	4.0	44.2	1.7	-	.8	d
33219	Iron and steel castings, n.e.c.....	91	100.0	57.4	7.5	4.0	5.9	19.1	3.4	2.7	d
333	Nonferrous metals primary smelter products (slab, ingot, pig, etc., and residues).....	30	100.0	68.2	-	-	4.1	.3	-	27.4	c
335	Nonferrous metal basic shapes.....	201	100.0	22.5	8.9	.1	22.3	12.5	8.4	25.3	c
3352	Aluminum and aluminum base alloy basic shapes (except aluminum foil).....	87	100.0	23.5	1.1	-	17.7	11.9	6.4	39.4	b
33523	Aluminum and aluminum base alloy rods and bars.....	8	100.0	3.8	-	-	6.5	15.4	10.9	63.4	d
33524	Aluminum and aluminum base alloy pipe and tube.....	13	100.0	14.9	2.8	-	30.3	21.3	5.3	25.4	d
336	Nonferrous and nonferrous base alloy castings.....	13	100.0	16.0	1.4	7.1	4.8	4.9	18.9	46.9	d
339	Miscellaneous primary metal products...	28	100.0	22.5	3.3	.1	6.8	4.7	24.4	38.2	c
3392	Nonferrous forgings.....	16	100.0	20.5	4.4	-	3.2	7.0	13.4	51.5	c
33921	Nonferrous forgings.....	16	100.0	20.5	4.4	-	3.2	7.0	13.4	51.5	c
34	Fabricated metal products.....	1,482	100.0	39.9	7.6	1.5	24.3	16.6	3.0	7.1	b
341	Metal cans.....	177	100.0	68.8	10.3	-	16.0	3.8	-	1.1	s
3411	Metal cans.....	177	100.0	68.8	10.3	-	16.0	3.8	-	1.1	s
34111	Metal cans.....	177	100.0	68.8	10.3	-	16.0	3.8	-	1.1	s

See footnote at end of table.

TABLE 2. Percent Distribution of Commodities, by Distance of Shipment: 1967--Continued

TCC code	Commodity	Number	Percent distribution by distance of shipment								Sampling variability code
			All distances	Under 100 miles	100 to 199 miles	200 to 299 miles	300 to 499 miles	500 to 999 miles	1,000 to 1,499 miles	1,500 miles or over	
	TONS OF SHIPMENTS--Continued	(thousands of tons)									
343	Plumbing fixtures and heating apparatus (except electric).....	82	100.0	31.8	11.4	2.0	12.7	9.1	12.8	20.2	d
344	Structural and miscellaneous metal products.....	540	100.0	52.0	9.5	2.2	17.0	13.9	1.2	4.2	c
3441	Structural metal products.....	275	100.0	70.4	7.5	.1	14.1	7.1	.2	.6	d
34411	Structural metal products, iron and steel.....	271	100.0	71.3	7.1	.1	14.3	6.9	.1	.2	d
3443	Fabricated plate products (boiler shop products).....	57	100.0	59.3	4.6	-	1.1	31.9	.1	3.0	d
346	Metal stampings.....	40	100.0	75.2	1.0	3.7	2.1	9.3	1.0	7.7	b
3461	Metal stampings.....	40	100.0	75.2	1.0	3.7	2.1	9.3	1.0	7.7	b
3499	Fabricated metal products, n.e.c.....	73	100.0	28.9	.1	.4	30.9	14.7	6.0	19.0	d
35	Machinery, except electrical.....	583	100.0	14.0	15.8	11.3	21.3	3.3	6.1	28.2	d
353	Construction, mining, and materials handling machinery and equipment.....	74	100.0	15.2	15.9	2.5	16.7	6.5	20.1	23.1	d
3531	Construction machinery and equipment...	13	100.0	18.3	4.3	3.3	6.4	7.7	8.4	51.6	b
3533	Oil field machinery and equipment.....	33	100.0	10.6	33.3	4.1	1.8	5.2	32.9	12.1	d
35331	Oil and gas field drilling and field production machinery and equipment....	33	100.0	9.9	33.7	4.1	1.8	5.2	33.1	12.2	d
3544	Special dies and tools, die sets, jigs, fixtures, and industrial molds and patterns.....	4	100.0	19.5	15.3	.7	5.2	6.9	45.4	7.0	d
35441	Special dies and tools, die sets, jigs, and fixtures.....	4	100.0	19.5	15.3	.7	5.2	6.9	45.4	7.0	d
359	Miscellaneous machinery and parts (except electrical).....	14	100.0	7.5	1.8	.8	9.6	3.9	41.4	35.0	d
3599	Miscellaneous machinery and parts (except electrical).....	14	100.0	7.5	1.8	.8	9.6	3.9	41.4	35.0	d
35999	Machinery and parts, n.e.c. (except electrical).....	14	100.0	7.5	1.8	.8	9.6	3.9	41.4	35.0	d
36	Electrical machinery and equipment.....	296	100.0	21.5	5.1	2.2	14.7	10.6	11.6	34.3	b
361	Electrical transmission and distribution equipment.....	4	100.0	16.5	1.2	.9	7.0	13.0	16.0	45.4	d
3611	Electrical measuring instruments and test equipment.....	3	100.0	10.6	1.6	1.3	8.4	7.9	20.9	49.3	d
363	Household appliances.....	101	100.0	21.9	6.4	3.0	15.5	12.8	13.3	27.1	d
364	Electric lighting and wiring equipment.	56	100.0	24.1	6.4	1.4	13.0	13.4	8.4	33.3	d
3642	Lighting fixtures.....	39	100.0	30.8	8.8	2.1	17.8	13.9	9.9	16.7	d
36421	Electric fixtures, residential, commercial, institutional, and industrial types.....	37	100.0	32.4	7.9	1.9	16.4	14.8	10.4	16.2	d
365	Radio and television receiving sets (except communication types), phonographs, and phonograph records.....	39	100.0	14.7	6.5	.7	12.3	10.2	15.5	40.1	b
3651	Radio and television receiving sets (except communication types), and phonographs.....	24	100.0	14.6	10.0	1.1	16.8	11.4	18.2	27.9	c
36511	Household and automotive radios, radio-phonograph combinations, and phonographs.....	13	100.0	14.2	16.3	.4	5.8	12.4	11.3	39.6	d
3652	Phonograph records, record blanks, and prerecorded tapes.....	15	100.0	14.8	.8	-	5.1	8.1	11.2	60.0	d
36521	Phonograph records, record blanks, and prerecorded tapes.....	15	100.0	14.8	.8	-	5.1	8.1	11.2	60.0	d
366	Communication equipment.....	2	100.0	13.5	2.5	.2	18.1	6.6	20.2	38.9	d

See footnote at end of table.

TABLE 2. Percent Distribution of Commodities, by Distance of Shipment: 1967--Continued

TCC code	Commodity	Number	Percent distribution by distance of shipment								Sampling variability code ¹
			All distances	Under 100 miles	100 to 199 miles	200 to 299 miles	300 to 499 miles	500 to 999 miles	1,000 to 1,499 miles	1,500 miles or over	
	TONS OF SHIPMENTS--Continued	(thousands of tons)									
3662	Radio and television transmitting, signaling, and detection equipment and apparatus.....	2	100.0	20.3	2.9	0.2	18.0	3.3	30.7	24.6	d
36621	Radio and television transmitting, signaling, and detection equipment and apparatus.....	2	100.0	20.3	2.9	.2	18.0	3.3	30.7	24.6	d
37	Transportation equipment.....	785	100.0	22.2	7.3	3.4	21.8	19.7	11.3	14.3	b
371	Motor vehicles and motor vehicle equipment.....	545	100.0	21.9	7.6	4.6	24.6	18.4	13.5	9.4	a
3711	Motor vehicles.....	524	100.0	22.5	7.8	4.7	24.8	18.9	13.8	7.5	a
3714	Motor vehicle parts and accessories....	6	100.0	2.1	.4	.2	26.7	4.4	4.0	62.2	d
38	Instruments, photographic goods, optical goods, watches, and clocks.....	24	100.0	8.9	1.0	1.3	6.7	2.4	22.6	57.1	c
382	Measuring, controlling, and indicating instruments.....	11	100.0	4.6	.3	.8	4.7	1.8	19.4	68.4	b
3822	Automatic temperature controls.....	9	100.0	4.4	.3	1.0	2.9	.9	18.7	71.8	b
38221	Automatic temperature controls.....	9	100.0	4.4	.3	1.0	2.9	.9	18.7	71.8	b
39	Miscellaneous products of manufacturing	136	100.0	19.6	2.0	1.7	19.8	10.0	2.9	44.0	b
399	Miscellaneous manufactured products....	47	100.0	25.2	5.2	3.5	27.9	24.1	2.4	11.7	d
	TON-MILES OF SHIPMENTS	(millions of ton-miles)									
	Production Area 25, total.....	20,336	100.0	3.8	2.0	1.7	13.0	21.1	17.0	41.4	-
20	Food and kindred products.....	5,290	100.0	1.3	1.1	1.9	10.1	11.7	7.1	66.8	-
201	Meat, poultry, and small game; fresh, chilled or frozen.....	240	100.0	3.8	7.4	1.0	10.8	8.3	1.9	66.8	-
2013	Meat products.....	30	100.0	2.2	7.8	1.9	34.4	19.9	14.7	19.1	-
20132	Meats and sausage, cooked, cured, dried, smoked, or salted.....	29	100.0	2.0	5.3	2.0	35.2	20.6	15.2	19.7	-
2014	Animal byproducts, inedible.....	27	100.0	8.6	16.8	6.3	15.4	2.1	-	50.8	-
203	Canned and preserved fruits, vegetables, and seafoods.....	3,896	100.0	.2	.2	1.9	6.6	9.1	7.6	74.4	-
204	Grain mill products.....	357	100.0	5.0	3.8	1.8	16.1	14.3	9.6	49.4	-
2042	Prepared feed for animals, fish, and fowls (except hay, straw, or related products).....	291	100.0	5.3	3.8	.8	9.3	11.4	11.8	57.6	-
208	Beverages and flavoring extracts.....	372	100.0	5.0	2.7	2.7	22.1	24.1	7.0	36.4	-
2082	Malt liquors.....	358	100.0	4.0	2.7	2.7	22.0	24.6	7.2	36.8	-
20821	Beer, ale, porter, and stout in barrels, bottles, cans, or kegs.....	358	100.0	4.0	2.7	2.7	22.0	24.6	7.2	36.8	-
2086	Bottled and canned soft drinks and carbonated, mineral, and plain waters.	5	100.0	73.8	5.2	3.7	4.5	3.7	-	9.1	-
20861	Bottled and canned soft drinks and carbonated, mineral, and plain waters....	5	100.0	73.8	5.2	3.7	4.5	3.7	-	9.1	-
2087	Miscellaneous flavoring extracts, sirups, and flavoring compounds (except chocolate sirups).....	9	100.0	6.9	1.5	.6	38.5	13.9	1.9	36.7	-
20871	Flavoring extracts, emulsions, and flavoring compounds.....	9	100.0	6.9	1.5	.6	38.5	13.9	1.9	36.7	-
209	Miscellaneous food preparations and kindred products.....	360	100.0	1.9	1.6	1.7	25.2	21.5	3.4	44.7	-
233	Women's, misses', girls', and infants' clothing.....	21	100.0	.5	.2	.4	1.9	3.9	4.9	88.2	-
2331	Women's, misses', girls', and infants' clothing.....	21	100.0	.5	.2	.4	1.9	3.9	4.9	88.2	-
23311	Women's, misses', girls', and infants' clothing.....	21	100.0	.5	.2	.4	1.9	3.9	4.9	88.2	-

See footnote at end of table.

TABLE 2. Percent Distribution of Commodities, by Distance of Shipment: 1967--Continued

TCC code	Commodity	Number	Percent distribution by distance of shipment								Sampling variability code ¹
			All distances	Under 100 miles	100 to 199 miles	200 to 299 miles	300 to 499 miles	500 to 999 miles	1,000 to 1,499 miles	1,500 miles or over	
	TON-MILES OF SHIPMENTS--Continued	(millions of ton-miles)									
25	Furniture and fixtures.....	87	100.0	3.4	2.7	2.4	18.8	13.8	8.4	50.5	-
251	Household and office furniture.....	82	100.0	3.2	2.7	2.5	19.3	14.3	8.4	49.6	-
2513	Couches, davenports, love seats, sofas, and settees.....	11	100.0	4.0	6.3	8.1	46.8	11.8	.2	22.8	-
25131	Couches, davenports, love seats, sofas, and settees.....	11	100.0	4.0	6.3	8.1	46.8	11.8	.2	22.8	-
2516	Dressers, vanities, chests of drawers, and beds (except hospital beds).....	6	100.0	3.2	8.3	4.3	35.9	20.9	.4	27.0	-
25161	Dressers, vanities, chests of drawers, and beds (except hospital beds).....	6	100.0	3.2	8.3	4.3	35.9	20.9	.4	27.0	-
26	Pulp, paper, and allied products.....	292	100.0	5.7	4.2	2.8	28.3	43.0	.7	15.3	-
263	Paperboard, fiberboard, and pulpboard (except insulating board).....	25	100.0	3.9	2.9	6.0	43.3	43.9	-	-	-
2631	Paperboard, fiberboard, and pulpboard (except insulating board).....	25	100.0	3.9	2.9	6.0	43.3	43.9	-	-	-
26311	Paperboard, fiberboard, and pulpboard (except insulating board).....	25	100.0	3.9	2.9	6.0	43.3	43.9	-	-	-
264	Converted paper and paperboard products (except containers and boxes).....	98	100.0	1.7	1.6	2.0	30.8	43.7	1.0	19.2	-
265	Containers, boxes and related products, paperboard, fiberboard, and pulpboard.	132	100.0	9.3	6.4	3.5	21.6	49.3	.8	9.1	-
2651	Containers, boxes, baskets, pallets and skids, paperboard, fiberboard, and pulpboard.....	107	100.0	11.1	7.1	3.2	20.5	46.3	.9	10.9	-
26511	Containers and boxes, paperboard, fiberboard, and pulpboard.....	107	100.0	11.1	7.1	3.2	20.1	46.6	.9	11.0	-
2654	Sanitary food containers.....	25	100.0	1.8	3.6	4.8	26.6	61.3	.4	1.5	-
28	Chemicals and allied products.....	1,210	100.0	7.0	2.8	4.7	23.4	22.8	4.4	34.9	-
281	Industrial chemicals.....	449	100.0	13.0	3.8	7.5	30.0	26.2	3.2	16.3	-
282	Plastic materials and plasticizers, synthetic resins, rubbers, and fibers.	271	100.0	2.4	.5	.1	6.5	4.3	5.9	80.3	-
2821	Plastic materials and plasticizers, synthetic resins, rubbers, and fibers.	271	100.0	2.4	.5	.1	6.5	4.3	5.9	80.3	-
28211	Plastic materials and plasticizers, synthetic resins, and nonvulcanizable elastomers.....	223	100.0	2.3	.7	.2	7.7	2.1	7.2	79.8	-
284	Soap and detergents, cleaning preparations, perfumes, cosmetics, and other toilet preparations.....	276	100.0	2.6	1.1	1.3	22.1	35.8	5.7	31.4	-
2841	Soap and other detergents (except specialty cleansers).....	97	100.0	4.7	1.7	2.2	42.7	29.9	2.5	16.3	-
28423	Waxes and polishing preparations and related products.....	27	100.0	.9	.6	.6	13.8	18.5	3.6	62.0	-
2844	Perfumes, cosmetics, and other toilet preparations.....	56	100.0	.6	1.3	.6	5.2	18.6	12.8	60.9	-
28441	Perfumes, cosmetics, and other toilet preparations.....	56	100.0	.6	1.3	.6	5.2	18.6	12.8	60.9	-
285	Paints, varnishes, lacquers, enamels, and allied products.....	61	100.0	2.7	4.4	1.5	36.0	27.1	5.7	22.6	-
2851	Paints, varnishes, lacquers, enamels, and allied products.....	61	100.0	2.7	4.4	1.5	36.0	27.1	5.7	22.6	-
28511	Paints, varnishes, lacquers, enamels, and shellacs.....	46	100.0	2.6	4.9	1.7	32.9	24.3	5.8	27.8	-
29	Petroleum and coal products.....	8,073	100.0	4.1	1.2	.7	12.0	29.7	28.6	23.7	-
291	Products of petroleum refining.....	7,897	100.0	4.0	1.0	.5	11.7	29.7	29.2	23.9	-
2911	Products of petroleum refining (except liquefied petroleum gases and petroleum coke and breeze).....	7,818	100.0	4.0	1.0	.5	11.7	29.8	29.5	23.5	-

See footnote at end of table.

TABLE 2. Percent Distribution of Commodities, by Distance of Shipment: 1967--Continued

TCC code	Commodity	Number	Percent distribution by distance of shipment								Sampling vari- ability code ¹
			All dis- tances	Under 100 miles	100 to 199 miles	200 to 299 miles	300 to 499 miles	500 to 999 miles	1,000 to 1,499 miles	1,500 miles or over	
	TON-MILES OF SHIPMENTS--Continued	(millions of ton-miles)									
29111	Gasoline, jet fuels, and other high volatile petroleum fuels (except natural gasoline).....	1,792	100.0	3.9	1.1	0.6	6.4	20.7	-	67.3	-
29113	Distillate fuel oil.....	160	100.0	18.4	3.9	.8	76.0	.9	-	-	-
29114	Lubricating oils and similar light oils and derivatives.....	49	100.0	9.6	15.1	11.3	26.5	37.3	0.1	.1	-
29116	Petroleum asphalt, tar, and pitches (including coke-oven and coal tar)....	102	100.0	20.8	14.2	17.6	46.9	.5	-	-	-
2912	Liquefied petroleum and coal gases.....	79	100.0	6.4	3.0	-	13.2	9.2	-	68.2	-
29121	Liquefied petroleum and coal gases.....	79	100.0	6.4	3.0	-	13.2	9.2	-	68.2	-
295	Paving and roofing materials.....	173	100.0	10.8	8.6	7.7	24.6	33.2	-	15.1	-
2952	Asphalt felt and coatings.....	152	100.0	7.5	6.4	4.5	26.4	37.9	-	17.3	-
29521	Asphalt and tar saturated felts, boards, roofing, and siding.....	39	100.0	8.8	8.5	1.9	26.2	19.1	-	35.5	-
29523	Asphalt shingles and siding.....	101	100.0	5.2	5.9	3.3	27.8	48.7	-	9.1	-
30	Rubber and miscellaneous plastics products.....	372	100.0	1.4	1.9	.5	6.6	18.8	21.5	49.3	-
301	Tires and inner tubes.....	139	100.0	1.3	2.1	.5	11.4	28.4	26.5	29.8	-
3011	Tires and inner tubes.....	139	100.0	1.3	2.1	.5	11.4	28.4	26.5	29.8	-
30111	Pneumatic tires.....	132	100.0	1.0	1.7	.1	9.5	28.6	27.8	31.3	-
306	Miscellaneous fabricated rubber products.....	45	100.0	1.2	.3	.8	2.6	16.3	16.3	62.5	-
3061	Miscellaneous fabricated rubber products.....	45	100.0	1.2	.3	.8	2.6	16.3	16.3	62.5	-
30619	Fabricated rubber products, n.e.c.....	26	100.0	1.5	.1	.1	2.0	6.9	17.5	71.9	-
307	Miscellaneous plastic products.....	180	100.0	1.5	.5	.4	4.0	12.7	19.8	61.1	-
3071	Miscellaneous plastic products.....	180	100.0	1.5	.5	.4	4.0	12.7	19.8	61.1	-
30719	Fabricated plastics products, n.e.c. (including footwear made wholly of plastic).....	59	100.0	.7	.2	.2	2.5	3.2	11.7	81.5	-
32	Stone, clay, and glass products.....	1,009	100.0	16.5	13.9	6.5	12.2	15.2	16.7	19.0	-
322	Glass and glassware, pressed and blown.	145	100.0	5.5	5.1	18.6	27.1	39.1	.8	3.8	-
3221	Glass containers, caps and covers.....	140	100.0	5.2	5.3	19.1	28.0	38.7	-	3.7	-
32212	Glass bottles.....	119	100.0	5.1	5.9	19.3	23.6	41.9	-	4.2	-
324	Hydraulic cement.....	278	100.0	39.7	38.2	7.7	6.9	2.2	5.3	-	-
3241	Hydraulic cement.....	278	100.0	39.7	38.2	7.7	6.9	2.2	5.3	-	-
325	Structural clay products.....	49	100.0	22.4	10.8	4.3	24.1	19.7	3.1	15.6	-
326	Pottery and related products.....	44	100.0	.7	.4	1.1	5.3	11.3	10.3	70.9	-
3269	Miscellaneous pottery products.....	22	100.0	.1	.3	.2	3.1	3.8	10.9	81.6	-
32699	Pottery products, n.e.c.....	22	100.0	.1	.3	.2	3.1	3.8	10.9	81.6	-
327	Concrete, gypsum, plaster, and plaster products.....	141	100.0	24.0	13.8	10.2	19.6	27.1	.7	4.6	-
3271	Concrete products.....	85	100.0	32.3	18.6	15.4	17.9	8.1	.1	7.6	-
32714	Concrete pipe, tile, conduit, culverts, and drains.....	82	100.0	31.3	18.8	15.9	17.9	8.4	.1	7.6	-
329	Abrasives, asbestos, and miscellaneous nonmetallic mineral products.....	346	100.0	.7	.5	.1	6.2	10.5	41.9	40.1	-
3293	Steam and other packing and pipe and boiler covering.....	-	-	-	-	-	-	-	-	-	-
33	Primary metal products.....	902	100.0	5.5	2.2	1.5	36.2	17.5	11.2	25.9	-
331	Steel works and rolling mill products..	637	100.0	7.1	2.4	1.8	47.6	18.6	10.2	12.3	-
3312	Primary iron and steel products (except coke-oven products).....	629	100.0	7.1	2.3	1.9	48.3	17.7	10.3	12.4	-
33124	Bars, bar shapes, and rods.....	110	100.0	7.4	1.9	4.1	71.5	4.9	-	10.2	-

See footnote at end of table.

TABLE 2. Percent Distribution of Commodities, by Distance of Shipment: 1967--Continued

TCC code	Commodity	Number	Percent distribution by distance of shipment								Sampling variability code ¹
			All distances	Under 100 miles	100 to 199 miles	200 to 299 miles	300 to 499 miles	500 to 999 miles	1,000 to 1,499 miles	1,500 miles or over	
	TON-MILES OF SHIPMENTS--Continued	(millions of ton-miles)									
33219	Iron and steel castings, n.e.c.....	27	100.0	4.9	3.3	3.2	6.9	50.7	14.5	16.5	-
333	Nonferrous metals primary smelter products (slab, ingot, pig, etc., and residues).....	17	100.0	3.0	-	-	2.4	.4	.1	94.1	-
335	Nonferrous metal basic shapes.....	163	100.0	1.0	1.8	-	9.6	13.7	12.9	61.0	-
3352	Aluminum and aluminum base alloy basic shapes (except aluminum foil).....	92	100.0	.9	.1	-	5.8	10.4	7.5	75.3	-
33523	Aluminum and aluminum base alloy rods and bars.....	11	100.0	.1	-	-	1.5	9.9	9.3	79.2	-
33524	Aluminum and aluminum base alloy pipe and tube.....	11	100.0	.7	.4	-	12.5	22.7	7.4	56.3	-
336	Nonferrous and nonferrous base alloy castings.....	16	100.0	.2	.1	1.6	1.3	3.5	18.3	75.0	-
339	Miscellaneous primary metal products...	34	100.0	.5	.3	-	1.9	3.4	24.7	69.2	-
3392	Nonferrous forgings.....	21	100.0	.5	.4	-	.8	4.7	11.9	81.7	-
33921	Nonferrous forgings.....	21	100.0	.5	.4	-	.8	4.7	11.9	81.7	-
34	Fabricated metal products.....	635	100.0	2.8	2.2	.9	20.2	31.7	8.9	33.3	-
341	Metal cans.....	24	100.0	14.1	10.1	-	40.9	21.3	-	13.6	-
3411	Metal cans.....	24	100.0	14.1	10.1	-	40.9	21.3	-	13.6	-
34111	Metal cans.....	24	100.0	14.1	10.1	-	40.9	21.3	-	13.6	-
343	Plumbing fixtures and heating apparatus (except electric).....	58	100.0	1.5	1.8	.6	6.5	10.1	22.5	57.0	-
344	Structural and miscellaneous metal products.....	175	100.0	4.9	3.7	1.6	19.7	37.0	5.0	28.1	-
3441	Structural metal products.....	45	100.0	13.0	5.2	.2	32.3	41.3	1.4	6.6	-
34411	Structural metal products, iron and steel.....	42	100.0	13.8	5.2	.2	34.5	42.7	.8	2.8	-
3443	Fabricated plate products (boiler shop products).....	19	100.0	5.5	1.5	-	1.2	76.1	.4	15.3	-
346	Metal stampings.....	11	100.0	10.6	.5	4.0	2.7	25.5	4.6	52.1	-
3461	Metal stampings.....	11	100.0	10.6	.5	4.0	2.7	25.5	4.6	52.1	-
3499	Fabricated metal products, n.e.c.....	50	100.0	.8	-	.1	15.9	17.9	10.3	55.0	-
35	Machinery, except electrical.....	462	100.0	.8	2.5	3.7	9.5	3.5	10.0	70.0	-
353	Construction, mining, and materials handling machinery and equipment.....	69	100.0	.7	2.4	.6	6.7	6.0	28.2	55.4	-
3531	Construction machinery and equipment...	17	100.0	.3	.4	.6	1.8	4.3	8.0	84.6	-
3533	Oil field machinery and equipment.....	26	100.0	.4	6.1	1.2	.8	6.1	55.2	30.2	-
35331	Oil and gas field drilling and field production machinery and equipment....	26	100.0	.4	6.1	1.2	.8	6.1	55.2	30.2	-
3544	Special dies and tools, die sets, jigs, fixtures, and industrial molds and patterns.....	3	100.0	.4	2.2	.2	2.1	4.9	73.3	16.9	-
35441	Special dies and tools, die sets, jigs, and fixtures.....	3	100.0	.4	2.2	.2	2.1	4.9	73.3	16.9	-
359	Miscellaneous machinery and parts (except electrical).....	18	100.0	.2	.2	.2	2.4	2.6	40.5	53.9	-
3599	Miscellaneous machinery and parts (except electrical).....	18	100.0	.2	.2	.2	2.4	2.6	40.5	53.9	-
35999	Machinery and parts, n.e.c. (except electrical).....	18	100.0	.2	.2	.2	2.4	2.6	40.5	53.9	-
36	Electrical machinery and equipment....	300	100.0	.7	.6	.5	5.0	8.5	14.8	69.9	-
361	Electrical transmission and distribution equipment.....	6	100.0	.3	.1	.2	1.9	9.1	14.9	73.5	-
3611	Electrical measuring instruments and test equipment.....	4	100.0	.2	.1	.3	2.1	4.7	18.2	74.4	-

See footnote at end of table.

TABLE 2. Percent Distribution of Commodities, by Distance of Shipment: 1967--Continued

TCC code	Commodity	Number	Percent distribution by distance of shipment								Sampling variability code ¹
			All distances	Under 100 miles	100 to 199 miles	200 to 299 miles	300 to 499 miles	500 to 999 miles	1,000 to 1,499 miles	1,500 miles or over	
	TON-MILES OF SHIPMENTS--Continued	(millions of ton-miles)									
363	Household appliances.....	88	100.0	0.8	0.9	0.9	6.1	12.0	19.9	59.4	-
364	Electric lighting and wiring equipment.	52	100.0	.7	.9	.4	4.7	11.8	11.5	70.0	-
3642	Lighting fixtures.....	26	100.0	1.3	1.7	.7	8.8	16.6	19.0	51.9	-
36421	Electric fixtures, residential, commercial, institutional, and industrial types.....	24	100.0	1.4	1.5	.7	8.3	17.9	20.4	49.8	-
365	Radio and television receiving sets (except communication types), phonographs, and phonograph records.....	47	100.0	.3	.6	.1	3.6	6.7	16.1	72.6	-
3651	Radio and television receiving sets (except communication types), and phonographs.....	24	100.0	.5	1.2	.3	6.0	9.2	23.1	59.7	-
36511	Household and automotive radios, radio-phonograph combinations, and phonographs.....	14	100.0	.4	1.7	.1	1.8	9.2	12.9	73.9	-
3652	Phonograph records, record blanks, and prerecorded tapes.....	23	100.0	.2	.1	-	1.1	4.2	9.0	85.4	-
36521	Phonograph records, record blanks, and prerecorded tapes.....	23	100.0	.2	.1	-	1.1	4.2	9.0	85.4	-
366	Communication equipment.....	3	100.0	.3	.3	-	5.2	4.5	17.4	72.3	-
3662	Radio and television transmitting, signaling, and detection equipment and apparatus.....	2	100.0	.6	.4	.1	6.7	3.0	34.3	54.9	-
36621	Radio and television transmitting, signaling, and detection equipment and apparatus.....	2	100.0	.6	.4	.1	6.7	3.0	34.3	54.9	-
37	Transportation equipment.....	554	100.0	1.0	1.3	1.2	10.8	22.9	20.4	42.4	-
371	Motor vehicles and motor vehicle equipment.....	350	100.0	1.2	1.5	1.8	13.4	23.6	26.9	31.6	-
3711	Motor vehicles.....	322	100.0	1.3	1.6	2.0	14.1	25.5	28.8	26.7	-
3714	Motor vehicle parts and accessories....	8	100.0	.1	-	-	6.5	2.4	3.7	87.3	-
38	Instruments, photographic goods, optical goods, watches, and clocks.....	36	100.0	.2	.1	.2	1.6	1.4	18.3	78.2	-
382	Measuring, controlling, and indicating instruments.....	18	100.0	.1	-	.1	1.0	.9	14.3	83.6	-
3822	Automatic temperature controls.....	15	100.0	-	-	.2	.6	.3	13.2	85.7	-
38221	Automatic temperature controls.....	15	100.0	-	-	.2	.6	.3	13.2	85.7	-
39	Miscellaneous products of manufacturing	153	100.0	.3	.2	.4	6.0	6.9	3.4	82.8	-
399	Miscellaneous manufactured products....	26	100.0	1.1	1.2	1.8	17.6	33.9	6.0	38.4	-

¹Code letter indicates a sampling variability range as follows: a, 0-9 percent; b, 10-19 percent; c, 20-29 percent; and d, 30-50 percent. The variability for ton-miles has not been estimated.

TABLE 3. Percent Distribution of Commodities, by Geographic Division of Destination: 1967

TCC code	Commodity	Number	Percent distribution by geographic division ¹ of destination										Sampling variability code ³
			All means of transport	New England	Middle Atlantic	East North Central	West North Central	South Atlantic	East South Central	West South Central	Mountain	Pacific ²	
	TONS OF SHIPMENTS	(thous. of tons)											
	Production Area 25, total.....	49,102	100.0	0.2	1.3	2.6	0.8	1.1	0.5	2.1	6.5	84.9	-
20	Food and kindred products.....	7,242	100.0	.8	5.3	10.7	1.9	4.0	2.3	5.8	8.9	60.3	a
25	Furniture and fixtures.....	215	100.0	.3	1.1	5.0	.6	2.0	.7	2.3	7.9	80.1	c
26	Pulp, paper, and allied products.....	1,087	100.0	-	.4	1.0	-	-	-	1.1	12.6	84.9	c
28	Chemicals and allied products.....	4,649	100.0	-	1.0	1.4	.7	.6	.4	.8	7.2	87.9	d
29	Petroleum and coal products.....	22,802	100.0	-	-	-	-	.1	-	-	4.4	95.5	d
30	Rubber and miscellaneous plastics products.....	574	100.0	.5	1.9	6.7	3.9	3.3	1.6	9.5	10.0	62.6	b
32	Stone, clay, and glass products.....	5,497	100.0	.1	.2	.8	1.4	.2	.1	1.2	7.2	88.8	a
33	Primary metal products.....	2,757	100.0	.3	1.1	1.4	.2	.8	.3	2.8	6.6	86.5	b
34	Fabricated metal products.....	1,482	100.0	.3	1.4	1.6	1.2	1.1	1.0	3.4	8.2	81.8	b
35	Machinery, except electrical.....	583	100.0	.4	3.7	19.3	1.4	.9	1.3	6.2	6.0	60.8	d
36	Electrical machinery and equipment.....	296	100.0	3.8	6.7	9.4	3.2	4.5	4.7	13.8	8.9	45.0	b
37	Transportation equipment.....	785	100.0	.3	1.1	2.2	2.9	6.5	.5	11.3	11.4	63.8	b
38	Instruments, photographic goods, optical goods, watches, and clocks.....	24	100.0	2.5	21.5	20.2	4.0	5.1	5.0	20.4	2.2	19.1	c
39	Miscellaneous products of manufacturing	136	100.0	1.9	17.3	13.8	1.1	4.1	1.4	6.7	4.3	49.4	b
	TON-MILES OF SHIPMENTS	(millions of ton-miles)											
	Production Area 25, total.....	20,336	100.0	1.4	7.6	11.4	2.6	5.7	2.2	5.9	7.7	55.5	-
20	Food and kindred products.....	5,290	100.0	2.8	17.0	26.4	3.7	11.6	5.3	8.3	6.3	18.6	-
25	Furniture and fixtures.....	87	100.0	1.7	6.3	24.4	2.0	11.1	2.9	7.4	8.5	35.7	-
26	Pulp, paper, and allied products.....	292	100.0	.1	4.0	7.0	.3	.2	.1	3.5	24.4	60.4	-
28	Chemicals and allied products.....	1,210	100.0	.2	8.7	9.5	3.9	4.8	2.9	3.5	12.9	53.6	-
29	Petroleum and coal products.....	8,073	100.0	-	-	.2	-	.7	-	.1	6.4	92.6	-
30	Rubber and miscellaneous plastics products.....	372	100.0	1.9	7.1	19.2	8.8	10.3	4.2	17.8	8.6	22.1	-
32	Stone, clay, and glass products.....	1,009	100.0	.9	2.4	7.5	11.3	2.5	.5	9.0	15.3	50.6	-
33	Primary metal products.....	902	100.0	2.0	7.6	7.6	.6	4.9	1.5	11.4	9.1	55.3	-
34	Fabricated metal products.....	635	100.0	1.8	7.6	6.9	4.2	5.5	4.2	10.2	10.0	49.6	-
35	Machinery, except electrical.....	462	100.0	1.4	10.7	45.6	2.5	2.3	2.8	10.4	2.6	21.7	-
36	Electrical machinery and equipment.....	300	100.0	9.3	15.9	17.2	4.8	9.7	7.9	17.5	4.6	13.1	-
37	Transportation equipment.....	554	100.0	.9	3.8	5.6	5.8	19.8	1.3	20.3	9.2	33.3	-
38	Instruments, photographic goods, optical goods, watches, and clocks.....	36	100.0	4.2	33.7	24.1	3.7	7.3	5.9	16.7	.8	3.6	-
39	Miscellaneous products of manufacturing	153	100.0	4.2	36.8	22.6	1.4	8.1	2.2	8.6	2.3	13.8	-

¹States included in the geographic divisions are as follows: NEW ENGLAND--Maine, New Hampshire, Vermont, Massachusetts, Rhode Island, and Connecticut; MIDDLE ATLANTIC--New York, New Jersey, and Pennsylvania; EAST NORTH CENTRAL--Ohio, Indiana, Illinois, Michigan, and Wisconsin; WEST NORTH CENTRAL--Minnesota, Iowa, Missouri, North Dakota, South Dakota, Nebraska, and Kansas; SOUTH ATLANTIC--Delaware, Maryland, District of Columbia, Virginia, West Virginia, North Carolina, South Carolina, Georgia, and Florida; EAST SOUTH CENTRAL--Kentucky, Tennessee, Alabama, and Mississippi; WEST SOUTH CENTRAL--Arkansas, Louisiana, Oklahoma, and Texas; MOUNTAIN--Montana, Idaho, Wyoming, Colorado, New Mexico, Arizona, Utah, and Nevada; PACIFIC--Washington, Oregon, California, Alaska, and Hawaii.

²Shipments to Alaska and Hawaii from the 48 conterminous States and the District of Columbia are included; no data were obtained for shipments originating in Alaska and Hawaii.

³Code letter indicates a sampling variability range as follows: a, 0-9 percent; b, 10-19 percent; c, 20-29 percent; and d, 30-50 percent. The variability for ton-miles has not been estimated.

TABLE 4. Percent Distribution of Commodities, by Production Area of Destination: 1967

TCC code	Commodity	Number	Percent distribution by production area ¹ of destination							
			Total	1 (BOST)	2 (HART)	3 (NYNY)	4 (N. NJ)	5 (PHIL)	6 (BALT)	7 (ALLN)
	TONS OF SHIPMENTS	(thousands of tons)								
	Production Area 25, total.....	49,102	100.0	0.1	0.1	0.4	0.2	0.2	-	-
20	Food and kindred products.....	7,242	100.0	.3	.4	2.0	.8	.5	0.1	-
201	Meat, poultry, and small game; fresh, chilled or frozen.....	632	100.0	2.1	-	3.3	-	.4	-	-
2013	Meat products.....	94	100.0	-	-	.2	-	-	-	-
20132	Meats and sausage, cooked, cured, dried, smoked, or salted.....	84	100.0	-	-	.2	-	-	-	-
2014	Animal byproducts, inedible.....	129	100.0	-	-	-	-	-	-	-
203	Canned and preserved fruits, vegetables, and seafoods.....	3,497	100.0	.2	.1	3.4	1.5	1.0	.1	-
204	Grain mill products.....	875	100.0	-	3.4	-	-	-	-	-
2042	Prepared feed for animals, fish, and fowls (except hay, straw, or related products).....	633	100.0	-	4.7	-	-	-	-	-
208	Beverages and flavoring extracts.....	1,164	100.0	-	-	-	-	-	-	-
2082	Malt liquors.....	959	100.0	-	-	-	-	-	-	-
20821	Beer, ale, porter, and stout in barrels, bottles, cans, or kegs.....	959	100.0	-	-	-	-	-	-	-
2086	Bottled and canned soft drinks and carbonated, mineral, and plain waters.	176	100.0	-	-	-	-	-	-	-
20861	Bottled and canned soft drinks and carbonated, mineral, and plain waters....	176	100.0	-	-	-	-	-	-	-
2087	Miscellaneous flavoring extracts, sirups, and flavoring compounds (except chocolate sirups).....	29	100.0	1.1	.2	.3	-	1.0	-	-
20871	Flavoring extracts, emulsions, and flavoring compounds.....	29	100.0	1.1	.2	.3	-	1.0	-	-
209	Miscellaneous food preparations and kindred products.....	745	100.0	.5	.1	.9	.8	-	-	-
233	Women's, misses', girls', and infants' clothing.....	15	100.0	2.2	.5	6.9	1.4	1.7	.7	-
2331	Women's, misses', girls', and infants' clothing.....	15	100.0	2.2	.5	6.9	1.4	1.7	.7	-
23311	Women's, misses', girls', and infants' clothing.....	15	100.0	2.2	.5	6.9	1.4	1.7	.7	-
25	Furniture and fixtures.....	215	100.0	.1	.2	.3	.1	.2	-	-
251	Household and office furniture.....	204	100.0	-	-	.3	.1	.3	-	-
2513	Couches, davenports, love seats, sofas, and settees.....	41	100.0	-	-	-	-	-	-	-
25131	Couches, davenports, love seats, sofas, and settees.....	41	100.0	-	-	-	-	-	-	-
2516	Dressers, vanities, chests of drawers, and beds (except hospital beds).....	20	100.0	-	-	-	-	2.5	-	-
25161	Dressers, vanities, chests of drawers, and beds (except hospital beds).....	20	100.0	-	-	-	-	2.5	-	-
26	Pulp, paper, and allied products.....	1,087	100.0	-	-	.3	-	-	-	-
263	Paperboard, fiberboard, and pulpboard (except insulating board).....	100	100.0	-	-	-	-	-	-	-
2631	Paperboard, fiberboard, and pulpboard (except insulating board).....	100	100.0	-	-	-	-	-	-	-
26311	Paperboard, fiberboard, and pulpboard (except insulating board).....	100	100.0	-	-	-	-	-	-	-
264	Converted paper and paperboard products (except containers and boxes).....	237	100.0	-	-	1.6	-	-	-	-
265	Containers, boxes and related products, paperboard, fiberboard, and pulpboard.	627	100.0	-	-	-	-	-	-	-

See footnotes at end of table.

TABLE 4. Percent Distribution of Commodities, by Production Area of Destination: 1967--Continued

TCC code	Commodity	Percent distribution by production area ¹ of destination--Continued									
		8 (HARR)	9 (SYRA)	10 (BUFF)	11 (CLEV)	12 (PITT)	13 (DETR)	14 (CINC)	15 (CHIC)	16 (MILW)	17 (M-SP)
	TONS OF SHIPMENTS										
	Production Area 25, total.....	0.3	-	0.1	0.1	-	0.3	0.6	0.8	0.1	0.1
20	Food and kindred products.....	1.5	0.2	-	.2	-	1.1	2.4	3.1	.1	.5
201	Meat, poultry, and small game; fresh, chilled or frozen.....	-	.1	.1	-	-	-	2.0	.1	.8	-
2013	Meat products.....	-	-	-	-	-	-	-	.1	-	-
20132	Meats and sausage, cooked, cured, dried, smoked, or salted.....	-	-	-	-	-	-	-	.1	.1	-
2014	Animal byproducts, inedible.....	-	-	-	-	-	-	-	-	4.0	-
203	Canned and preserved fruits, vegetables, and seafoods.....	3.1	-	-	.2	0.1	2.0	4.4	5.2	-	1.1
204	Grain mill products.....	-	1.5	-	-	-	-	.4	1.6	-	-
2042	Prepared feed for animals, fish, and fowls (except hay, straw, or related products).....	-	2.1	-	-	-	-	.5	2.2	-	-
208	Beverages and flavoring extracts.....	-	-	-	-	-	.8	-	.8	-	-
2082	Malt liquors.....	-	-	-	-	-	1.0	-	.9	-	-
20821	Beer, ale, porter, and stout in barrels, bottles, cans, or kegs.....	-	-	-	-	-	1.0	-	.9	-	-
2086	Bottled and canned soft drinks and carbonated, mineral, and plain waters.....	-	-	-	-	-	-	-	-	-	-
20861	Bottled and canned soft drinks and carbonated, mineral, and plain waters....	-	-	-	-	-	-	-	-	-	-
2087	Miscellaneous flavoring extracts, sirups, and flavoring compounds (except chocolate syrups).....	-	-	-	.1	-	-	.1	.2	.2	.1
20871	Flavoring extracts, emulsions, and flavoring compounds.....	-	-	-	.1	-	-	.1	.2	.2	.1
209	Miscellaneous food preparations and kindred products.....	-	-	-	.5	-	.3	.2	2.7	.2	-
233	Women's, misses', girls', and infants' clothing.....	-	.2	.1	1.4	.3	.3	.4	1.0	.1	2.2
2331	Women's, misses', girls', and infants' clothing.....	-	.2	.1	1.4	.3	.3	.4	1.0	.1	2.2
23311	Women's, misses', girls', and infants' clothing.....	-	.2	.1	1.4	.3	.3	.4	1.0	.1	2.2
25	Furniture and fixtures.....	-	-	.1	3.6	-	.5	.1	.6	-	.1
251	Household and office furniture.....	-	-	.1	3.8	-	.6	.1	.7	-	.1
2513	Couches, davenports, love seats, sofas, and settees.....	-	.1	-	-	-	-	-	.1	-	-
25131	Couches, davenports, love seats, sofas, and settees.....	-	.1	-	-	-	-	-	.1	-	-
2516	Dressers, vanities, chests of drawers, and beds (except hospital beds).....	-	-	-	-	-	-	-	.1	-	-
25161	Dressers, vanities, chests of drawers, and beds (except hospital beds).....	-	-	-	-	-	-	-	.1	-	-
26	Pulp, paper, and allied products.....	-	-	.1	-	-	-	.7	.3	-	-
263	Paperboard, fiberboard, and pulpboard (except insulating board).....	-	-	-	-	-	-	-	-	-	-
2631	Paperboard, fiberboard, and pulpboard (except insulating board).....	-	-	-	-	-	-	-	-	-	-
26311	Paperboard, fiberboard, and pulpboard (except insulating board).....	-	-	-	-	-	-	-	-	-	-
264	Converted paper and paperboard products (except containers and boxes).....	-	-	-	.2	-	-	-	1.3	-	-
265	Containers, boxes and related products, paperboard, fiberboard, and pulpboard.....	-	-	.1	-	-	-	-	-	-	-

See footnotes at end of table.

TABLE 4. Percent Distribution of Commodities, by Production Area of Destination: 1967--Continued

TCC code	Commodity	Percent distribution by production area ¹ of destination--Continued									Sampling variability code ³
		18 (STLO)	19 (ATLA)	20 (DALL)	21 (HOUS)	22 (DENV)	23 (SETL)	24 (SANF)	25 ² (LOSA)	All other	
	TONS OF SHIPMENTS										
	Production Area 25, total.....	0.2	0.3	0.4	0.3	0.4	3.4	10.9	48.0	32.7	-
20	Food and kindred products.....	.2	1.5	.9	.4	1.0	1.1	12.2	26.0	43.5	a
201	Meat, poultry, and small game; fresh, chilled or frozen.....	-	.1	.2	-	-	.5	6.3	47.1	36.9	c
2013	Meat products.....	-	.6	1.1	.1	.3	3.5	27.0	29.9	37.2	d
20132	Meats and sausage, cooked, cured, dried, smoked, or salted.....	-	.6	1.3	.1	.3	4.0	30.5	29.3	33.5	d
2014	Animal byproducts, inedible.....	-	-	-	-	-	-	5.9	46.2	43.9	d
203	Canned and preserved fruits, vegetables, and seafoods.....	.3	3.0	1.3	.6	1.1	.5	13.5	7.3	50.0	a
204	Grain mill products.....	.2	-	.5	.7	3.6	1.7	11.6	46.5	28.3	d
2042	Prepared feed for animals, fish, and fowls (except hay, straw, or related products).....	.3	-	.7	1.0	4.9	-	7.7	49.6	26.3	d
208	Beverages and flavoring extracts.....	-	-	.8	.2	.4	2.4	11.3	49.4	33.9	b
2082	Malt liquors.....	-	-	.9	.3	.4	2.9	13.5	40.7	39.4	b
20821	Beer, ale, porter, and stout in barrels, bottles, cans, or kegs.....	-	-	.9	.3	.4	2.9	13.5	40.7	39.4	b
2086	Bottled and canned soft drinks and carbonated, mineral, and plain waters.....	-	-	-	-	-	.1	.1	96.0	3.8	a
20861	Bottled and canned soft drinks and carbonated, mineral, and plain waters....	-	-	-	-	-	.1	.1	96.0	3.8	a
2087	Miscellaneous flavoring extracts, sirups, and flavoring compounds (except chocolate sirups).....	-	1.0	.3	-	-	1.3	8.0	51.9	34.2	d
20871	Flavoring extracts, emulsions, and flavoring compounds.....	-	1.0	.3	-	-	1.3	8.0	51.9	34.2	d
209	Miscellaneous food preparations and kindred products.....	.4	.4	.5	.1	.1	1.4	12.8	26.6	51.5	d
233	Women's, misses', girls', and infants' clothing.....	1.1	16.2	1.1	.2	.6	1.0	5.3	15.3	39.8	c
2331	Women's, misses', girls', and infants' clothing.....	1.1	16.2	1.1	.2	.6	1.0	5.3	15.3	39.8	c
23311	Women's, misses', girls', and infants' clothing.....	1.1	16.2	1.1	.2	.6	1.0	5.3	15.3	39.8	c
25	Furniture and fixtures.....	.1	.3	.1	.4	.3	2.7	14.4	42.9	32.9	c
251	Household and office furniture.....	.2	-	.1	.4	.3	2.9	14.9	42.1	33.0	c
2513	Couches, davenports, love seats, sofas, and settees.....	-	-	-	-	-	.9	29.0	33.3	36.6	d
25131	Couches, davenports, love seats, sofas, and settees.....	-	-	-	-	-	.9	29.0	33.3	36.6	d
2516	Dressers, vanities, chests of drawers, and beds (except hospital beds).....	-	-	-	.1	.5	2.1	12.2	33.3	49.2	d
25161	Dressers, vanities, chests of drawers, and beds (except hospital beds).....	-	-	-	.1	.5	2.1	12.2	33.3	49.2	d
26	Pulp, paper, and allied products.....	-	-	-	-	1.0	2.4	15.9	47.8	31.5	e
263	Paperboard, fiberboard, and pulpboard (except insulating board).....	-	-	-	-	8.0	2.6	27.9	42.1	19.4	d
2631	Paperboard, fiberboard, and pulpboard (except insulating board).....	-	-	-	-	8.0	2.6	27.9	42.1	19.4	d
26311	Paperboard, fiberboard, and pulpboard (except insulating board).....	-	-	-	-	8.0	2.6	27.9	42.1	19.4	d
264	Converted paper and paperboard products (except containers and boxes).....	-	.1	.1	.1	.2	3.3	27.8	26.8	38.0	d
265	Containers, boxes and related products, paperboard, fiberboard, and pulpboard.....	-	-	-	-	.4	2.0	7.2	56.6	33.7	d

See footnotes at end of table.

TABLE 4. Percent Distribution of Commodities, by Production Area of Destination: 1967 --Continued

TCC code	Commodity	Number	Percent distribution by production area ¹ of destination							
			Total	1 (BOST)	2 (HART)	3 (NYNY)	4 (N. NJ)	5 (PHIL)	6 (BALT)	7 (ALLN)
	TONS OF SHIPMENTS--Continued	(thousands of tons)								
2651	Containers, boxes, baskets, pallets and skids, paperboard, fiberboard, and pulpboard.....	569	100.0	-	-	-	-	-	-	-
26511	Containers and boxes, paperboard, fiberboard, and pulpboard.....	567	100.0	-	-	-	-	-	-	-
2654	Sanitary food containers.....	59	100.0	-	-	-	-	-	-	-
28	Chemicals and allied products.....	4,649	100.0	-	-	-	0.2	-	0.1	-
281	Industrial chemicals.....	2,900	100.0	-	-	-	-	-	-	-
282	Plastic materials and plasticizers, synthetic resins, rubbers, and fibers.	504	100.0	-	-	-	2.1	-	1.0	-
2821	Plastic materials and plasticizers, synthetic resins, rubbers, and fibers.	504	100.0	-	-	-	2.1	-	1.0	-
28211	Plastic materials and plasticizers, synthetic resins, and nonvulcanizable elastomers.....	405	100.0	-	-	-	2.6	-	-	-
284	Soap and detergents, cleaning prepara- tions, perfumes, cosmetics, and other toilet preparations.....	661	100.0	-	-	-	-	0.2	-	-
2841	Soap and other detergents (except specialty cleansers).....	337	100.0	-	-	-	-	-	-	-
28423	Waxes and polishing preparations and related products.....	39	100.0	-	-	-	-	-	-	-
2844	Perfumes, cosmetics, and other toilet preparations.....	75	100.0	-	-	0.3	-	-	-	-
28441	Perfumes, cosmetics, and other toilet preparations.....	75	100.0	-	-	.3	-	-	-	-
285	Paints, varnishes, lacquers, enamels, and allied products.....	172	100.0	0.1	-	-	-	-	.1	-
2851	Paints, varnishes, lacquers, enamels, and allied products.....	172	100.0	.1	-	-	-	-	.1	-
28511	Paints, varnishes, lacquers, enamels, and shellacs.....	127	100.0	.1	-	-	-	-	.1	-
29	Petroleum and coal products.....	22,802	100.0	-	-	-	-	-	-	-
291	Products of petroleum refining.....	21,814	100.0	-	-	-	-	-	-	-
2911	Products of petroleum refining (except liquefied petroleum gases and petro- leum coke and breeze).....	21,586	100.0	-	-	-	-	-	-	-
29111	Gasoline, jet fuels, and other high volatile petroleum fuels (except natural gasoline).....	3,659	100.0	-	-	-	-	-	-	-
29113	Distillate fuel oil.....	1,321	100.0	-	-	-	-	-	-	-
29114	Lubricating oils and similar light oils and derivatives.....	321	100.0	-	-	-	-	-	-	-
29116	Petroleum asphalt, tar, and pitches (including coke-oven and coal tar)....	843	100.0	-	-	-	-	-	-	-
2912	Liquefied petroleum and coal gases.....	228	100.0	-	-	-	-	-	-	-
29121	Liquefied petroleum and coal gases.....	228	100.0	-	-	-	-	-	-	-
295	Paving and roofing materials.....	972	100.0	-	-	-	-	-	-	-
2952	Asphalt felt and coatings.....	664	100.0	-	-	-	-	-	-	-
29521	Asphalt and tar saturated felts, boards, roofing, and siding.....	176	100.0	-	-	-	-	-	-	-
29523	Asphalt shingles and siding.....	365	100.0	-	-	-	-	-	-	-
30	Rubber and miscellaneous plastics products.....	574	100.0	.1	0.2	.4	.9	.4	-	-
301	Tires and inner tubes.....	251	100.0	-	-	-	-	-	-	-
3011	Tires and inner tubes.....	251	100.0	-	-	-	-	-	-	-
30111	Pneumatic tires.....	214	100.0	-	-	-	-	-	-	-

See footnotes at end of table.

TABLE 4. Percent Distribution of Commodities, by Production Area of Destination: 1967--Continued

TCC code	Commodity	Percent distribution by production area ¹ of destination--Continued									
		8 (HARR)	9 (SYRA)	10 (BUFF)	11 (CLEV)	12 (PITT)	13 (DETR)	14 (CINC)	15 (CHIC)	16 (MILW)	17 (M-SP)
	TONS OF SHIPMENTS--Continued										
2651	Containers, boxes, baskets, pallets and skids, paperboard, fiberboard, and pulpboard.....	-	-	0.1	-	-	-	-	-	-	-
26511	Containers and boxes, paperboard, fiberboard, and pulpboard.....	-	-	.1	-	-	-	-	-	-	-
2654	Sanitary food containers.....	-	-	-	-	-	-	-	-	-	-
28	Chemicals and allied products.....	-	-	.4	-	0.1	-	-	0.6	-	-
281	Industrial chemicals.....	-	-	-	-	-	-	-	-	-	-
282	Plastic materials and plasticizers, synthetic resins, rubbers, and fibers.	-	-	3.8	-	1.1	-	-	2.5	-	-
2821	Plastic materials and plasticizers, synthetic resins, rubbers, and fibers.	-	-	3.8	-	1.1	-	-	2.5	-	-
28211	Plastic materials and plasticizers, synthetic resins, and nonvulcanizable elastomers.....	-	-	4.7	-	1.3	-	-	.6	-	-
284	Soap and detergents, cleaning preparations, perfumes, cosmetics, and other toilet preparations.....	-	-	-	-	-	-	0.1	1.6	0.1	0.1
2841	Soap and other detergents (except specialty cleansers).....	-	-	-	-	-	-	-	1.1	-	-
28423	Waxes and polishing preparations and related products.....	-	-	-	-	-	-	-	-	-	1.2
2844	Perfumes, cosmetics, and other toilet preparations.....	-	-	.1	-	-	0.2	.8	8.7	.5	.1
28441	Perfumes, cosmetics, and other toilet preparations.....	-	-	.1	-	-	.2	.8	8.7	.5	.1
285	Paints, varnishes, lacquers, enamels, and allied products.....	-	-	.1	-	-	.2	-	.3	-	-
2851	Paints, varnishes, lacquers, enamels, and allied products.....	-	-	.1	-	-	.2	-	.3	-	-
28511	Paints, varnishes, lacquers, enamels, and shellacs.....	-	-	.1	-	.1	.3	-	.3	-	-
29	Petroleum and coal products.....	-	-	-	-	-	-	-	-	-	-
291	Products of petroleum refining.....	-	-	-	-	-	-	-	-	-	-
2911	Products of petroleum refining (except liquefied petroleum gases and petroleum coke and breeze).....	-	-	-	-	-	-	-	-	-	-
29111	Gasoline, jet fuels, and other high volatile petroleum fuels (except natural gasoline).....	-	-	-	-	-	-	-	-	-	-
29113	Distillate fuel oil.....	-	-	-	-	-	-	-	-	-	-
29114	Lubricating oils and similar light oils and derivatives.....	-	-	-	-	-	-	-	-	-	-
29116	Petroleum asphalt, tar, and pitches (including coke-oven and coal tar)....	-	-	-	-	-	-	-	-	-	-
2912	Liquefied petroleum and coal gases.....	-	-	-	-	-	-	-	-	-	-
29121	Liquefied petroleum and coal gases.....	-	-	-	-	-	-	-	-	-	-
295	Paving and roofing materials.....	-	-	-	-	-	-	-	-	-	-
2952	Asphalt felt and coatings.....	-	-	-	-	-	-	-	-	-	-
29521	Asphalt and tar saturated felts, boards, roofing, and siding.....	-	-	-	-	-	-	-	-	-	-
29523	Asphalt shingles and siding.....	-	-	-	-	-	-	-	-	-	-
30	Rubber and miscellaneous plastics products.....	0.1	-	-	1.7	-	.5	.4	2.9	.5	.6
301	Tires and inner tubes.....	-	-	-	2.9	-	-	-	-	-	-
3011	Tires and inner tubes.....	-	-	-	2.9	-	-	-	-	-	-
30111	Pneumatic tires.....	-	-	-	3.4	-	-	-	-	-	-

See footnotes at end of table.

TABLE 4. Percent Distribution of Commodities, by Production Area of Destination: 1967--Continued

TCC code	Commodity	Percent distribution by production area ¹ of destination--Continued									Sampling variability code
		18 (STLO)	19 (ATLA)	20 (DALL)	21 (HOUS)	22 (DENV)	23 (SETL)	24 (SANF)	25 ² (LOSA)	All other	
	TONS OF SHIPMENTS--Continued										
2651	Containers, boxes, baskets, pallets and skids, paperboard, fiberboard, and pulpboard.....	-	-	-	-	0.4	1.6	6.1	61.1	30.7	d
26511	Containers and boxes, paperboard, fiberboard, and pulpboard.....	-	-	-	-	.4	1.7	5.8	61.2	30.8	d
2654	Sanitary food containers.....	-	-	-	-	.6	5.4	18.4	12.8	62.8	d
28	Chemicals and allied products.....	0.4	-	0.1	0.2	.2	1.2	11.9	53.7	30.9	d
281	Industrial chemicals.....	-	-	-	-	-	1.4	11.4	60.2	27.0	d
282	Plastic materials and plasticizers, synthetic resins, rubbers, and fibers.	3.0	0.1	.6	.7	-	.3	8.9	59.7	16.2	d
2821	Plastic materials and plasticizers, synthetic resins, rubbers, and fibers.	3.0	.1	.6	.7	-	.3	8.9	59.7	16.2	d
28211	Plastic materials and plasticizers, synthetic resins, and nonvulcanizable elastomers.....	3.7	.1	.8	.9	-	.3	10.9	57.4	16.7	d
284	Soap and detergents, cleaning preparations, perfumes, cosmetics, and other toilet preparations.....	.1	-	.2	.7	.8	1.3	12.1	38.4	44.3	c
2841	Soap and other detergents (except specialty cleansers).....	-	-	.1	.4	.3	.5	12.1	42.7	42.8	b
28423	Waxes and polishing preparations and related products.....	-	-	1.5	-	9.6	1.0	18.8	29.6	38.3	d
2844	Perfumes, cosmetics, and other toilet preparations.....	-	-	.8	2.1	.1	7.4	4.8	28.3	45.8	d
28441	Perfumes, cosmetics, and other toilet preparations.....	-	-	.8	2.1	.1	7.4	4.8	28.3	45.8	d
285	Paints, varnishes, lacquers, enamels, and allied products.....	-	-	-	.3	1.5	1.0	24.0	28.8	43.6	c
2851	Paints, varnishes, lacquers, enamels, and allied products.....	-	-	-	.3	1.5	1.0	24.0	28.8	43.6	c
28511	Paints, varnishes, lacquers, enamels, and shellacs.....	-	-	-	.3	1.8	.7	19.5	28.5	48.2	d
29	Petroleum and coal products.....	-	-	-	-	-	5.6	10.3	56.3	27.8	d
291	Products of petroleum refining.....	-	-	-	-	-	5.8	10.7	56.0	27.5	d
2911	Products of petroleum refining (except liquified petroleum gases and petroleum coke and breeze).....	-	-	-	-	-	5.8	10.6	56.1	27.5	d
29111	Gasoline, jet fuels, and other high volatile petroleum fuels (except natural gasoline).....	-	-	-	-	-	-	7.8	51.0	41.2	d
29113	Distillate fuel oil.....	-	-	-	-	-	-	16.1	70.5	13.4	d
29114	Lubricating oils and similar light oils and derivatives.....	-	-	-	-	-	-	6.2	55.7	38.1	c
29116	Petroleum asphalt, tar, and pitches (including coke-oven and coal tar)....	-	-	-	-	-	-	.4	54.6	45.0	b
2912	Liquefied petroleum and coal gases.....	-	-	-	-	-	-	12.8	63.7	23.5	b
29121	Liquefied petroleum and coal gases.....	-	-	-	-	-	-	12.8	63.7	23.5	b
295	Paving and roofing materials.....	-	-	-	-	-	1.3	2.3	61.4	35.0	b
2952	Asphalt felt and coatings.....	-	-	-	-	-	1.8	3.4	51.2	43.6	c
29521	Asphalt and tar saturated felts, boards, roofing, and siding.....	-	-	-	-	-	2.3	5.7	57.2	34.8	d
29523	Asphalt shingles and siding.....	-	-	-	-	-	2.0	3.4	38.0	56.6	d
30	Rubber and miscellaneous plastics products.....	.2	2.2	5.9	.9	2.5	2.7	7.2	32.7	37.0	b
301	Tires and inner tubes.....	-	3.2	9.8	.1	5.5	1.6	10.2	30.6	36.1	b
3011	Tires and inner tubes.....	-	3.2	9.8	.1	5.5	1.6	10.2	30.6	36.1	b
30111	Pneumatic tires.....	-	3.7	11.5	.1	6.5	1.5	10.0	27.8	35.5	b

See footnotes at end of table.

TABLE 4. Percent Distribution of Commodities, by Production Area of Destination: 1967 --Continued

TCC code	Commodity	Number	Percent distribution by production area ¹ of destination							
			Total	1 (BOST)	2 (HART)	3 (NYNY)	4 (N. NJ)	5 (PHIL)	6 (BALT)	7 (ALLN)
	TONS OF SHIPMENTS--Continued	(thousands of tons)								
306	Miscellaneous fabricated rubber products.....	53	100.0	0.2	0.4	1.6	0.5	2.2	-	0.1
3061	Miscellaneous fabricated rubber products.....	53	100.0	.2	.4	1.6	.5	2.2	-	.1
30619	Fabricated rubber products, n.e.c.....	32	100.0	.4	.6	2.7	.8	3.7	-	.1
307	Miscellaneous plastic products.....	240	100.0	.2	.5	.6	1.9	.4	-	-
3071	Miscellaneous plastic products.....	240	100.0	.2	.5	.6	1.9	.4	-	-
30719	Fabricated plastics products, n.e.c. (including footwear made wholly of plastic).....	53	100.0	.9	.3	1.5	7.7	-	-	-
32	Stone, clay, and glass products.....	5,497	100.0	-	.1	-	.1	.1	-	-
322	Glass and glassware, pressed and blown.	625	100.0	-	-	-	-	-	-	-
3221	Glass containers, caps and covers.....	594	100.0	-	-	-	-	-	-	-
32212	Glass bottles.....	485	100.0	-	-	-	-	-	-	-
324	Hydraulic cement.....	2,913	100.0	-	-	-	-	-	-	-
3241	Hydraulic cement.....	2,913	100.0	-	-	-	-	-	-	-
325	Structural clay products.....	276	100.0	-	-	-	-	-	-	-
326	Pottery and related products.....	42	100.0	1.4	.8	3.1	.7	.3	0.6	.1
3269	Miscellaneous pottery products.....	15	100.0	3.5	1.7	7.5	1.6	.7	1.5	-
32699	Pottery products, n.e.c.....	15	100.0	3.5	1.7	7.5	1.6	.7	1.5	-
327	Concrete, gypsum, plaster, and plaster products.....	1,298	100.0	-	-	-	-	-	-	-
3271	Concrete products.....	1,001	100.0	-	-	-	-	-	-	-
32714	Concrete pipe, tile, conduit, culverts, and drains.....	957	100.0	-	-	-	-	-	-	-
329	Abrasives, asbestos, and miscellaneous nonmetallic mineral products.....	333	100.0	-	.8	-	.9	1.3	-	-
3293	Steam and other packing and pipe and boiler covering.....	1	100.0	1.0	.4	.7	.2	1.0	.2	-
33	Primary metal products.....	2,757	100.0	-	.1	.1	.2	-	-	-
331	Steel works and rolling mill products..	2,342	100.0	-	-	-	-	-	-	-
3312	Primary iron and steel products (except coke-oven products).....	2,325	100.0	-	-	-	-	-	-	-
33124	Bars, bar shapes, and rods.....	535	100.0	-	-	-	-	-	-	-
33219	Iron and steel castings, n.e.c.....	91	100.0	-	-	-	-	-	-	-
333	Nonferrous metals primary smelter products (slab, ingot, pig, etc., and residues).....	30	100.0	-	-	-	.3	-	-	-
335	Nonferrous metal basic shapes.....	201	100.0	-	-	1.1	2.7	.1	-	-
3352	Aluminum and aluminum base alloy basic shapes (except aluminum foil).....	87	100.0	.1	-	2.6	6.1	.2	-	-
33523	Aluminum and aluminum base alloy rods, and bars.....	8	100.0	1.0	-	.3	-	2.0	-	-
33524	Aluminum and aluminum base alloy pipe and tube.....	13	100.0	-	-	.9	.9	.4	-	-
336	Nonferrous and nonferrous base alloy castings.....	13	100.0	-	-	.1	-	.2	-	-
339	Miscellaneous primary metal products...	28	100.0	2.8	6.0	.6	.8	3.0	-	-
3392	Nonferrous forgings.....	16	100.0	4.9	5.5	1.1	.8	5.3	-	-
33921	Nonferrous forgings.....	16	100.0	4.9	5.5	1.1	.8	5.3	-	-
34	Fabricated metal products.....	1,482	100.0	.3	-	.1	.4	.1	-	-
341	Metal cans.....	177	100.0	-	-	-	-	-	-	-
3411	Metal cans.....	177	100.0	-	-	-	-	-	-	-
34111	Metal cans.....	177	100.0	-	-	-	-	-	-	-

See footnotes at end of table.

TABLE 4. Percent Distribution of Commodities, by Production Area of Destination: 1967--Continued

TCC code	Commodity	Percent distribution by production area ¹ of destination--Continued									
		8 (HARR)	9 (SYRA)	10 (BUFF)	11 (CLEV)	12 (PITT)	13 (DETR)	14 (CINC)	15 (CHIC)	16 (MILW)	17 (M-SP)
	TONS OF SHIPMENTS--Continued										
306	Miscellaneous fabricated rubber products.....	0.6	0.3	0.3	0.9	0.1	0.1	0.2	6.4	0.3	0.4
3061	Miscellaneous fabricated rubber products.....	.6	.3	.3	.9	.1	.1	.2	6.4	.3	.4
30619	Fabricated rubber products, n.e.c.....	.1	.6	.1	.9	.1	.1	.3	5.9	.5	.7
307	Miscellaneous plastic products.....	.1	-	-	.2	-	1.1	1.0	5.5	1.1	1.4
3071	Miscellaneous plastic products.....	.1	-	-	.2	-	1.1	1.0	5.5	1.1	1.4
30719	Fabricated plastics products, n.e.c. (including footwear made wholly of plastic).....	-	-	.2	.2	.1	1.9	.8	12.2	2.6	4.0
32	Stone, clay, and glass products.....	-	-	-	-	-	.1	-	.4	.1	-
322	Glass and glassware, pressed and blown.	-	-	-	-	-	.1	-	-	-	-
3221	Glass containers, caps and covers.....	-	-	-	-	-	.1	-	-	-	-
32212	Glass bottles.....	-	-	-	-	-	.1	-	-	-	-
324	Hydraulic cement.....	-	-	-	-	-	-	-	-	-	-
3241	Hydraulic cement.....	-	-	-	-	-	-	-	-	-	-
325	Structural clay products.....	-	-	-	-	-	-	-	.1	-	-
326	Pottery and related products.....	.1	.2	.3	.4	.6	1.4	.5	4.4	.6	1.6
3269	Miscellaneous pottery products.....	.3	.4	.2	1.0	1.0	3.3	.8	7.7	.8	2.6
32699	Pottery products, n.e.c.....	.3	.4	.2	1.0	1.0	3.3	.8	7.7	.8	2.6
327	Concrete, gypsum, plaster, and plaster products.....	-	-	-	-	-	-	-	-	-	-
3271	Concrete products.....	-	-	-	-	-	-	-	-	-	-
32714	Concrete pipe, tile, conduit, culverts, and drains.....	-	-	-	-	-	-	-	-	-	-
329	Abrasives, asbestos, and miscellaneous nonmetallic mineral products.....	-	-	-	.1	-	1.8	-	6.0	1.9	-
3293	Steam and other packing and pipe and boiler covering.....	-	.5	.2	.7	-	-	.1	.3	.1	-
33	Primary metal products.....	-	.1	-	.1	-	.2	.1	.3	.1	-
331	Steel works and rolling mill products..	-	-	-	-	-	-	-	-	-	-
3312	Primary iron and steel products (except coke-oven products).....	-	-	-	-	-	-	-	-	-	-
33124	Bars, bar shapes, and rods.....	-	-	-	-	-	-	-	-	-	-
33219	Iron and steel castings, n.e.c.....	-	-	-	-	-	-	.5	.2	-	-
333	Nonferrous metals primary smelter products (slab, ingot, pig, etc., and residues).....	-	-	-	.3	-	-	-	-	-	-
335	Nonferrous metal basic shapes.....	-	.5	-	1.5	.5	.2	1.1	4.0	1.4	.1
3352	Aluminum and aluminum base alloy basic shapes (except aluminum foil).....	-	1.2	-	3.4	1.2	.5	2.4	5.4	-	.1
33523	Aluminum and aluminum base alloy rods, and bars.....	-	-	-	1.4	1.1	.6	-	27.7	.2	.8
33524	Aluminum and aluminum base alloy pipe and tube.....	-	-	-	-	-	2.7	-	-	-	-
336	Nonferrous and nonferrous base alloy castings.....	-	-	-	-	-	29.9	.7	-	-	-
339	Miscellaneous primary metal products...	-	5.2	-	-	-	2.0	.2	.6	1.8	.5
3392	Nonferrous forgings.....	-	.1	-	.1	-	3.4	-	-	3.1	.9
33921	Nonferrous forgings.....	-	.1	-	.1	-	3.4	-	-	3.1	.9
34	Fabricated metal products.....	.7	-	-	.1	-	.3	.1	.4	-	.3
341	Metal cans.....	-	-	-	-	-	-	-	-	-	-
3411	Metal cans.....	-	-	-	-	-	-	-	-	-	-
34111	Metal cans.....	-	-	-	-	-	-	-	-	-	-

See footnotes at end of table.

TABLE 4. Percent Distribution of Commodities, by Production Area of Destination: 1967--Continued

TCC code	Commodity	Percent distribution by production area ¹ of destination--Continued									Sampling variability code
		18 (STLO)	19 (ATLA)	20 (DALL)	21 (HOUS)	22 (DENV)	23 (SETL)	24 (SANF)	25 ² (LOSA)	All other	
	TONS OF SHIPMENTS--Continued										
306	Miscellaneous fabricated rubber products.....	1.2	0.4	5.3	2.5	0.1	7.3	4.8	32.7	31.1	d
3061	Miscellaneous fabricated rubber products.....	1.2	.4	5.3	2.5	.1	7.3	4.8	32.7	31.1	d
30619	Fabricated rubber products, n.e.c.....	.5	-	6.0	.8	.1	1.6	3.8	43.2	26.4	d
307	Miscellaneous plastic products.....	.1	1.9	2.6	1.4	.3	3.1	5.3	38.6	32.7	c
3071	Miscellaneous plastic products.....	.1	1.9	2.6	1.4	.3	3.1	5.3	38.6	32.7	c
30719	Fabricated plastics products, n.e.c. (including footwear made wholly of plastic).....	.1	6.2	1.7	.7	.4	1.2	5.2	27.4	24.7	d
32	Stone, clay, and glass products.....	1.1	-	.1	.5	.8	.7	3.2	57.9	34.8	a
322	Glass and glassware, pressed and blown.	-	-	-	-	5.6	1.0	12.8	38.4	42.1	b
3221	Glass containers, caps and covers.....	-	-	-	-	5.9	.8	13.4	36.4	43.4	b
32212	Glass bottles.....	-	-	-	-	7.0	1.0	11.2	33.3	47.4	a
324	Hydraulic cement.....	-	-	-	-	.2	-	-	63.4	36.4	a
3241	Hydraulic cement.....	-	-	-	-	.2	-	-	63.4	36.4	a
325	Structural clay products.....	-	-	-	-	-	1.2	4.6	61.5	32.6	d
326	Pottery and related products.....	.7	3.4	1.1	2.9	1.9	7.6	9.0	16.9	39.4	d
3269	Miscellaneous pottery products.....	1.4	2.0	1.9	3.2	1.4	.6	10.9	5.8	38.2	d
32699	Pottery products, n.e.c.....	1.4	2.0	1.9	3.2	1.4	.6	10.9	5.8	38.2	d
327	Concrete, gypsum, plaster, and plaster products.....	-	-	-	-	-	1.2	1.8	67.3	29.7	c
3271	Concrete products.....	-	-	-	-	-	-	1.4	70.7	27.9	c
32714	Concrete pipe, tile, conduit, culverts, and drains.....	-	-	-	-	-	-	1.4	70.2	28.4	c
329	Abrasives, asbestos, and miscellaneous nonmetallic mineral products.....	18.2	-	1.3	8.1	.7	2.3	16.2	11.5	28.9	d
3293	Steam and other packing and pipe and boiler covering.....	.6	.2	1.5	-	.1	2.6	1.8	54.4	33.4	d
33	Primary metal products.....	-	.6	.5	1.2	.1	2.2	21.2	44.7	28.2	b
331	Steel works and rolling mill products..	-	.5	-	1.1	-	2.0	22.8	46.2	27.4	b
3312	Primary iron and steel products (except coke-oven products).....	-	.6	-	1.1	-	2.0	22.9	46.4	27.0	b
33124	Bars, bar shapes, and rods.....	-	-	-	-	-	-	34.8	45.8	19.4	d
33219	Iron and steel castings, n.e.c.....	-	-	1.0	1.1	.2	.1	5.4	57.6	33.9	d
333	Nonferrous metals primary smelter products (slab, ingot, pig, etc., and residues).....	.1	-	-	-	-	-	1.4	68.2	29.7	c
335	Nonferrous metal basic shapes.....	.1	1.4	4.5	2.6	.9	6.0	18.1	20.6	32.6	c
3352	Aluminum and aluminum base alloy basic shapes (except aluminum foil).....	.1	2.0	2.1	1.8	.2	7.6	15.6	21.5	25.9	b
33523	Aluminum and aluminum base alloy rods, and bars.....	-	.3	10.9	-	.2	14.1	4.5	3.8	31.1	d
33524	Aluminum and aluminum base alloy pipe and tube.....	-	-	.3	-	.3	3.0	19.7	14.9	56.9	d
336	Nonferrous and nonferrous base alloy castings.....	.2	-	7.2	.1	1.6	3.2	11.7	15.9	29.2	d
339	Miscellaneous primary metal products...	.3	.4	10.3	3.6	.6	1.7	3.6	22.3	33.7	c
3392	Nonferrous forgings.....	.6	.6	3.0	-	-	3.0	1.4	20.5	45.7	c
33921	Nonferrous forgings.....	.6	.6	3.0	-	-	3.0	1.4	20.5	45.7	c
34	Fabricated metal products.....	.2	.2	.8	.4	.2	4.7	18.3	38.4	34.0	b
341	Metal cans.....	-	-	-	-	-	-	7.0	65.5	27.5	a
3411	Metal cans.....	-	-	-	-	-	-	7.0	65.5	27.5	a
34111	Metal cans.....	-	-	-	-	-	-	7.0	65.5	27.5	a

See footnotes at end of table.

TABLE 4. Percent Distribution of Commodities, by Production Area of Destination: 1967 --Continued

TCC code	Commodity	Number	Percent distribution by production area ¹ of destination							
			Total	1 (BOST)	2 (HART)	3 (NYNY)	4 (N. NJ)	5 (PHIL)	6 (BALT)	7 (ALLN)
	TONS OF SHIPMENTS--Continued	(thousands of tons)								
343	Plumbing fixtures and heating apparatus (except electric).....	82	100.0	1.2	-	-	0.5	0.4	0.1	-
344	Structural and miscellaneous metal products.....	540	100.0	.5	-	0.2	.1	-	-	-
3441	Structural metal products.....	275	100.0	-	-	-	-	-	-	-
34411	Structural metal products, iron and steel.....	271	100.0	-	-	-	-	-	-	-
3443	Fabricated plate products (boiler shop products).....	57	100.0	-	-	.3	-	-	-	-
346	Metal stampings.....	40	100.0	-	0.1	-	1.1	-	-	-
3461	Metal stampings.....	40	100.0	-	.1	-	1.1	-	-	-
3499	Fabricated metal products, n.e.c.....	73	100.0	-	-	.4	5.1	.7	-	-
35	Machinery, except electrical.....	583	100.0	.2	.1	.4	.4	1.1	-	-
353	Construction, mining, and materials handling machinery and equipment.....	74	100.0	.6	.2	1.4	.8	-	-	-
3531	Construction machinery and equipment....	13	100.0	3.6	.9	7.6	4.4	.1	-	-
3533	Oil field machinery and equipment.....	33	100.0	-	-	.1	-	-	-	-
35331	Oil and gas field drilling and field production machinery and equipment....	33	100.0	-	-	.1	-	-	-	-
3544	Special dies and tools, die sets, jigs, fixtures, and industrial molds and patterns.....	4	100.0	-	-	.1	-	-	-	-
35441	Special dies and tools, die sets, jigs, and fixtures.....	4	100.0	-	-	.1	-	-	-	-
359	Miscellaneous machinery and parts (except electrical).....	14	100.0	.7	-	.2	.1	.1	.1	-
3599	Miscellaneous machinery and parts (except electrical).....	14	100.0	.7	-	.2	.1	.1	.1	-
35999	Machinery and parts, n.e.c. (except electrical).....	14	100.0	.7	-	.2	.1	.1	.1	-
36	Electrical machinery and equipment.....	296	100.0	.9	2.8	1.5	.7	3.2	.1	-
361	Electrical transmission and distribution equipment.....	4	100.0	.7	.8	9.0	1.9	1.0	.6	-
3611	Electrical measuring instruments and test equipment.....	3	100.0	.8	1.1	4.4	2.8	1.4	-	-
363	Household appliances.....	101	100.0	1.0	1.0	.1	1.3	1.1	-	-
364	Electric lighting and wiring equipment.....	56	100.0	.3	.1	.4	.4	.2	-	-
3642	Lighting fixtures.....	39	100.0	.3	.1	.3	.3	.2	-	-
36421	Electric fixtures, residential, commercial, institutional, and industrial types.....	37	100.0	.3	.1	.3	.3	.2	-	-
365	Radio and television receiving sets (except communication types), phonographs, and phonograph records.....	39	100.0	1.7	4.8	4.8	.3	.7	.3	0.1
3651	Radio and television receiving sets (except communication types), and phonographs.....	24	100.0	.1	.3	2.7	.3	.2	-	.2
36511	Household and automotive radios, radio-phonograph combinations, and phonographs.....	13	100.0	.2	.5	5.1	.5	.4	-	.4
3652	Phonograph records, record blanks, and prerecorded tapes.....	15	100.0	4.2	12.2	8.2	.3	1.4	.8	-
36521	Phonograph records, record blanks, and prerecorded tapes.....	15	100.0	4.2	12.2	8.2	.3	1.4	.8	-
366	Communication equipment.....	2	100.0	2.7	.5	.9	-	.1	.1	-

See footnotes at end of table.

TABLE 4. Percent Distribution of Commodities, by Production Area of Destination: 1967--Continued

TCC code	Commodity	Percent distribution by production area ¹ of destination--Continued									
		8 (HARR)	9 (SYRA)	10 (BUFF)	11 (CLEV)	12 (PITT)	13 (DETR)	14 (CINC)	15 (CHIC)	16 (MILW)	17 (M-SP)
	TONS OF SHIPMENTS--Continued										
343	Plumbing fixtures and heating apparatus (except electric).....	-	0.1	-	1.1	0.1	2.2	0.3	1.4	-	0.3
344	Structural and miscellaneous metal products.....	-	.1	-	-	-	.1	-	.6	-	-
3441	Structural metal products.....	-	-	-	-	-	-	-	.1	-	-
34411	Structural metal products, iron and steel.....	-	-	-	-	-	-	-	-	-	-
3443	Fabricated plate products (boiler shop products).....	-	-	-	-	-	.2	-	-	-	-
346	Metal stampings.....	-	-	-	-	-	.9	-	1.4	0.4	-
3461	Metal stampings.....	-	-	-	-	-	.9	-	1.4	.4	-
3499	Fabricated metal products, n.e.c.....	-	-	-	-	-	-	-	.1	-	.1
35	Machinery, except electrical.....	0.2	-	0.5	1.2	.3	.3	14.4	1.3	.2	.4
353	Construction, mining, and materials handling machinery and equipment.....	.2	-	.1	-	-	.1	-	.1	.1	1.7
3531	Construction machinery and equipment...	1.1	-	.5	.3	.1	.3	.2	.5	.7	9.6
3533	Oil field machinery and equipment.....	-	-	-	-	-	-	-	-	-	-
35331	Oil and gas field drilling and field production machinery and equipment...	-	-	-	-	-	-	-	-	-	-
3544	Special dies and tools, die sets, jigs, fixtures, and industrial molds and patterns.....	-	-	-	-	-	-	-	-	.4	-
35441	Special dies and tools, die sets, jigs, and fixtures.....	-	-	-	-	-	-	-	-	.4	-
359	Miscellaneous machinery and parts (except electrical).....	-	.6	16.9	.2	-	2.4	-	.4	-	.1
3599	Miscellaneous machinery and parts (except electrical).....	-	.6	16.9	.2	-	2.4	-	.4	-	.1
35999	Machinery and parts, n.e.c. (except electrical).....	-	.6	16.9	.2	-	2.4	-	.4	-	.1
36	Electrical machinery and equipment.....	.1	.2	.4	1.5	.2	1.4	1.3	2.7	.7	.5
361	Electrical transmission and distribution equipment.....	-	-	.1	.9	.7	.4	.5	3.4	1.9	4.8
3611	Electrical measuring instruments and test equipment.....	-	-	.1	1.4	1.0	.4	.6	4.7	2.8	2.8
363	Household appliances.....	-	.1	.6	1.6	.2	1.4	-	1.8	-	.2
364	Electric lighting and wiring equipment.	.1	.1	.2	1.1	.1	1.4	6.7	4.5	1.5	.2
3642	Lighting fixtures.....	.2	.1	.3	1.2	.1	.1	.1	1.9	1.1	.2
36421	Electric fixtures, residential, commercial, institutional, and industrial types.....	.2	.1	.3	1.3	.1	.1	.1	2.0	1.2	.3
365	Radio and television receiving sets (except communication types), phonographs, and phonograph records.....	.1	1.2	.3	.4	.2	1.7	.2	1.3	.1	.3
3651	Radio and television receiving sets (except communication types), and phonographs.....	.1	.1	.3	.4	.2	.7	.2	2.2	.1	.4
36511	Household and automotive radios, radio-phonograph combinations, and phonographs.....	.2	.2	.6	.8	.3	1.3	.4	4.1	.2	.7
3652	Phonograph records, record blanks, and prerecorded tapes.....	-	2.9	.2	.4	.2	3.4	.1	1.2	-	1.6
36521	Phonograph records, record blanks, and prerecorded tapes.....	-	2.9	.2	.4	.2	3.4	.1	1.2	-	1.6
366	Communication equipment.....	-	-	9.6	.1	-	.1	.3	.2	-	-

See footnotes at end of table.

TABLE 4. Percent Distribution of Commodities, by Production Area of Destination: 1967--Continued

TCC code	Commodity	Percent distribution by production area ¹ of destination--Continued									Sampling variability code ³
		18 (STLO)	19 (ATLA)	20 (DALL)	21 (HOUS)	22 (DENV)	23 (SETL)	24 (SANF)	25 ² (LOSA)	All other	
	TONS OF SHIPMENTS--Continued										
343	Plumbing fixtures and heating apparatus (except electric).....	-	0.9	4.8	0.4	1.2	1.0	6.3	30.4	47.3	d
344	Structural and miscellaneous metal products.....	0.4	-	.1	.2	-	6.3	11.8	50.9	28.7	c
3441	Structural metal products.....	.2	-	.1	-	-	5.9	13.2	69.8	10.7	d
34411	Structural metal products, iron and steel.....	-	-	.1	-	-	6.0	13.4	70.6	9.9	d
3443	Fabricated plate products (boiler shop products).....	2.3	-	-	.1	-	-	.9	59.3	36.9	d
346	Metal stampings.....	1.8	-	.2	-	.5	.4	5.2	68.2	19.8	b
3461	Metal stampings.....	1.8	-	.2	-	.5	.4	5.2	68.2	19.8	b
3499	Fabricated metal products, n.e.c.....	.9	-	4.2	-	-	5.5	14.1	28.9	40.0	d
35	Machinery, except electrical.....	.3	.2	.4	2.6	.2	1.0	18.1	11.0	45.2	d
353	Construction, mining, and materials handling machinery and equipment.....	.2	.1	.8	11.1	1.1	1.9	13.1	14.7	51.7	d
3531	Construction machinery and equipment.....	1.3	.3	3.8	.3	1.0	.4	.4	18.0	44.6	b
3533	Oil field machinery and equipment.....	-	-	.4	22.5	-	1.2	1.3	9.7	64.8	d
35331	Oil and gas field drilling and field production machinery and equipment.....	-	-	.4	22.7	-	1.2	1.3	8.9	65.4	d
3544	Special dies and tools, die sets, jigs, fixtures, and industrial molds and patterns.....	-	1.1	12.6	30.1	-	.1	4.4	19.4	31.8	d
35441	Special dies and tools, die sets, jigs, and fixtures.....	-	1.1	12.6	30.1	-	.1	4.4	19.4	31.8	d
359	Miscellaneous machinery and parts (except electrical).....	.4	.3	-	25.7	.2	.2	8.6	6.9	35.9	d
3599	Miscellaneous machinery and parts (except electrical).....	.4	.3	-	25.7	.2	.2	8.6	6.9	35.9	d
35999	Machinery and parts, n.e.c. (except electrical).....	.4	.3	-	25.7	.2	.2	8.6	6.9	35.9	d
36	Electrical machinery and equipment.....	.7	.5	3.3	2.2	.9	1.8	8.2	19.4	44.8	b
361	Electrical transmission and distribution equipment.....	1.8	.4	2.1	2.5	.3	.5	4.7	16.2	44.8	d
3611	Electrical measuring instruments and test equipment.....	1.7	.3	1.1	3.6	.4	.2	5.9	10.3	52.2	d
363	Household appliances.....	.2	.9	4.0	4.3	.4	.9	9.8	19.2	49.9	d
364	Electric lighting and wiring equipment.....	2.0	-	2.0	1.6	2.8	3.3	8.2	22.9	39.9	d
3642	Lighting fixtures.....	1.3	-	2.9	1.3	3.0	1.5	11.0	29.6	42.9	d
36421	Electric fixtures, residential, commercial, institutional, and industrial types.....	1.3	-	3.0	1.4	3.1	1.6	9.8	30.8	42.1	d
365	Radio and television receiving sets (except communication types), phonographs, and phonograph records.....	1.1	.4	10.2	1.5	1.3	2.6	4.4	14.0	45.0	b
3651	Radio and television receiving sets (except communication types), and phonographs.....	.5	-	12.7	1.1	.8	2.8	4.4	13.6	55.6	c
36511	Household and automotive radios, radio-phonograph combinations, and phonographs.....	.9	-	7.7	.2	.8	3.0	4.7	13.8	53.0	d
3652	Phonograph records, record blanks, and prerecorded tapes.....	2.2	1.0	6.1	2.3	2.1	2.3	4.4	14.8	27.7	d
36521	Phonograph records, record blanks, and prerecorded tapes.....	2.2	1.0	6.1	2.3	2.1	2.3	4.4	14.8	27.7	d
366	Communication equipment.....	.3	1.2	1.2	-	-	3.8	9.3	13.3	56.3	d

See footnotes at end of table.

TABLE 4. Percent Distribution of Commodities, by Production Area of Destination: 1967 --Continued

TCC code	Commodity	Number	Percent distribution by production area ¹ of destination							
			Total	1 (BOST)	2 (HART)	3 (NYNY)	4 (N. NJ)	5 (PHIL)	6 (BALT)	7 (ALLN)
	TONS OF SHIPMENTS--Continued	(thousands of tons)								
3662	Radio and television transmitting, signaling, and detection equipment and apparatus.....	2	100.0	4.1	0.8	1.3	-	0.2	0.1	-
36621	Radio and television transmitting, signaling, and detection equipment and apparatus.....	2	100.0	4.1	.8	1.3	-	.2	.1	-
37	Transportation equipment.....	785	100.0	.1	.1	.5	0.2	.1	-	-
371	Motor vehicles and motor vehicle equipment.....	545	100.0	.2	.2	.7	.3	.1	-	-
3711	Motor vehicles.....	524	100.0	.1	.1	.5	.1	-	-	-
3714	Motor vehicle parts and accessories....	6	100.0	-	-	1.5	-	1.9	-	-
38	Instruments, photographic goods, optical goods, watches, and clocks.....	24	100.0	1.4	1.1	10.7	2.6	1.0	.5	3.2
382	Measuring, controlling, and indicating instruments.....	11	100.0	.4	.2	10.4	4.2	1.1	1.2	7.2
3822	Automatic temperature controls.....	9	100.0	.4	.2	11.7	5.0	.7	.5	8.7
38221	Automatic temperature controls.....	9	100.0	.4	.2	11.7	5.0	.7	.5	8.7
39	Miscellaneous products of manufacturing.	136	100.0	.6	1.0	6.4	5.9	1.9	.3	-
399	Miscellaneous manufactured products....	47	100.0	-	-	.3	-	-	-	-
	TON-MILES OF SHIPMENTS	(millions of ton-miles)								
	Production Area 25, total.....	20,336	100.0	.5	.7	2.5	1.4	1.0	.2	-
20	Food and kindred products.....	5,290	100.0	1.1	1.5	6.8	2.7	1.8	.2	-
201	Meat, poultry, and small game; fresh, chilled or frozen.....	240	100.0	14.2	-	21.0	-	2.7	-	-
2013	Meat products.....	30	100.0	-	-	1.4	-	-	-	.1
20132	Meats and sausage, cooked, cured, dried, smoked, or salted.....	29	100.0	-	-	1.4	-	-	-	.1
2014	Animal byproducts, inedible.....	27	100.0	-	-	-	-	-	-	-
203	Canned and preserved fruits, vegetables, and seafoods.....	3,896	100.0	.4	.1	7.5	3.3	2.2	.3	-
204	Grain mill products.....	357	100.0	-	20.8	-	-	-	-	-
2042	Prepared feed for animals, fish, and fowls (except hay, straw, or related products).....	291	100.0	-	25.6	-	-	-	-	-
208	Beverages and flavoring extracts.....	372	100.0	.2	-	.1	-	.2	-	-
2082	Malt liquors.....	358	100.0	-	-	-	-	-	-	-
20821	Beer, ale, porter, and stout in barrels, bottles, cans, or kegs.....	358	100.0	-	-	-	-	-	-	-
2086	Bottled and canned soft drinks and carbonated, mineral, and plain waters.	5	100.0	-	-	-	-	-	-	-
20861	Bottled and canned soft drinks and carbonated, mineral, and plain waters....	5	100.0	-	-	-	-	-	-	-
2087	Miscellaneous flavoring extracts, sirups, and flavoring compounds (except chocolate sirups).....	9	100.0	9.4	1.6	2.7	.3	8.3	-	-
20871	Flavoring extracts, emulsions, and flavoring compounds.....	9	100.0	9.4	1.6	2.7	.3	8.3	-	-
209	Miscellaneous food preparations and kindred products.....	360	100.0	2.5	.4	4.4	4.0	.2	-	-
233	Women's, misses', girls', and infants' clothing.....	21	100.0	4.0	1.0	11.8	2.4	2.8	1.2	-
2331	Women's, misses', girls', and infants' clothing.....	21	100.0	4.0	1.0	11.8	2.4	2.8	1.2	-
23311	Women's, misses', girls', and infants' clothing.....	21	100.0	4.0	1.0	11.8	2.4	2.8	1.2	-

See footnotes at end of table.

TABLE 4. Percent Distribution of Commodities, by Production Area of Destination: 1967--Continued

TCC code	Commodity	Percent distribution by production area ¹ of destination--Continued									
		8 (HARR)	9 (SYRA)	10 (BUFF)	11 (CLEV)	12 (PITT)	13 (DETR)	14 (CINC)	15 (CHIC)	16 (MILW)	17 (M-SP)
	TONS OF SHIPMENTS--Continued										
3662	Radio and television transmitting, signaling, and detection equipment and apparatus.....	-	-	0.2	0.1	-	0.1	0.5	0.3	-	-
36621	Radio and television transmitting, signaling, and detection equipment and apparatus.....	-	-	.2	.1	-	.1	.5	.3	-	-
37	Transportation equipment.....	-	-	.1	.1	-	.4	.1	1.1	-	0.1
371	Motor vehicles and motor vehicle equipment.....	-	-	.2	.1	-	.6	.1	1.5	-	.1
3711	Motor vehicles.....	-	-	-	-	-	.2	-	1.3	-	.1
3714	Motor vehicle parts and accessories....	-	0.1	.8	.1	-	31.4	.7	6.6	0.1	.5
38	Instruments, photographic goods, optical goods, watches, and clocks.....	0.3	.1	1.9	1.5	0.6	2.6	.7	9.6	.1	.9
382	Measuring, controlling, and indicating instruments.....	.8	.2	3.3	3.1	1.3	2.6	.5	2.8	.3	.9
3822	Automatic temperature controls.....	.7	.2	3.2	3.8	1.5	2.0	.2	3.2	.3	1.1
38221	Automatic temperature controls.....	.7	.2	3.2	3.8	1.5	2.0	.2	3.2	.3	1.1
39	Miscellaneous products of manufacturing	.1	.4	.2	.3	1.5	2.1	.9	3.7	.7	.4
399	Miscellaneous manufactured products....	.3	-	-	-	-	-	1.1	-	.1	.4
	TON-MILES OF SHIPMENTS										
	Production Area 25, total.....	1.5	.3	.3	.5	.2	1.2	2.6	3.3	.2	.4
20	Food and kindred products.....	4.6	.7	-	.4	.1	3.0	6.1	7.3	.3	1.1
201	Meat, poultry, and small game; fresh, chilled or frozen.....	-	.9	.4	-	-	-	9.9	.3	3.7	-
2013	Meat products.....	-	.1	-	.2	-	-	.1	.5	.3	-
20132	Meats and sausage, cooked, cured, dried or salted.....	-	.1	-	.2	-	-	.2	.5	.3	-
2014	Animal byproducts, inedible.....	-	-	-	-	-	-	-	-	32.6	-
203	Canned and preserved fruits, vegetables, and seafoods.....	6.3	-	-	.4	.2	3.5	7.4	8.0	.1	1.5
204	Grain mill products.....	-	8.8	-	-	-	-	1.8	6.7	-	-
2042	Prepared feed for animals, fish, and fowls (except hay, straw, or related products).....	-	10.8	-	-	-	-	2.1	8.2	-	-
208	Beverages and flavoring extracts.....	-	-	-	-	-	5.2	-	4.3	-	-
2082	Malt liquors.....	-	-	-	-	-	5.4	-	4.4	-	-
20821	Beer, ale, porter, and stout in barrels, bottles, cans, or kegs.....	-	-	-	-	-	5.4	-	4.4	-	-
2086	Bottled and canned soft drinks and carbonated, mineral, and plain waters.	-	-	-	-	-	-	-	-	-	-
20861	Bottled and canned soft drinks and carbonated, mineral, and plain waters....	-	-	-	-	-	-	-	-	-	-
2087	Miscellaneous flavoring extracts, sirups, and flavoring compounds (except chocolate sirups).....	-	-	-	1.0	-	-	.4	.9	1.3	.4
20871	Flavoring extracts, emulsions, and flavoring compounds.....	-	-	-	1.0	-	-	.4	.9	1.3	.4
209	Miscellaneous food preparations and kindred products.....	-	.2	-	2.0	-	1.3	.9	9.8	.8	-
233	Women's, misses', girls', and infants' clothing.....	-	.4	.2	2.0	.4	.4	.6	1.3	.2	2.3
2331	Women's, misses', girls', and infants' clothing.....	-	.4	.2	2.0	.4	.4	.6	1.3	.2	2.3
23311	Women's, missss', girls', and infants' clothing.....	-	.4	.2	2.0	.4	.4	.6	1.3	.2	2.3

See footnotes at end of table.

TABLE 4. Percent Distribution of Commodities, by Production Area of Destination: 1967--Continued

TCC code	Commodity	Percent distribution by production area ¹ of destination--Continued									Sampling vari- ability code ³
		18 (STLO)	19 (ATLA)	20 (DALL)	21 (HOUS)	22 (DENV)	23 (SETL)	24 (SANF)	25 ² (LOSA)	All other	
	TONS OF SHIPMENTS--Continued										
3662	Radio and television transmitting, signaling, and detection equipment and apparatus.....	0.4	1.8	1.7	-	-	2.5	13.9	20.1	51.9	d
36621	Radio and television transmitting, signaling, and detection equipment and apparatus.....	.4	1.8	1.7	-	-	2.5	13.9	20.1	51.9	d
37	Transportation equipment.....	1.0	1.2	2.3	1.8	1.0	5.1	14.8	20.5	49.4	b
371	Motor vehicles and motor vehicle equipment.....	-	-	1.8	2.4	1.3	2.4	17.0	20.0	51.0	a
3711	Motor vehicles.....	-	-	1.8	2.5	1.3	2.5	16.9	20.7	51.9	a
3714	Motor vehicle parts and accessories....	1.8	1.6	2.3	.4	1.8	.7	20.6	2.1	25.0	d
38	Instruments, photographic goods, opti- cal goods, watches, and clocks.....	1.5	.3	15.2	1.2	.7	.8	5.7	8.8	27.0	c
382	Measuring, controlling, and indicating instruments.....	3.3	.2	6.1	2.1	.2	.1	4.3	4.4	38.8	b
3822	Automatic temperature controls.....	4.0	.3	7.5	-	.2	-	3.3	4.4	36.9	b
38221	Automatic temperature controls.....	4.0	.3	7.5	-	.2	-	3.3	4.4	36.9	b
39	Miscellaneous products of manufacturing	-	.3	.7	-	.1	.6	16.3	19.3	36.3	b
399	Miscellaneous manufactured products....	-	-	.1	-	-	1.5	18.9	24.3	53.0	d
	TON-MILES OF SHIPMENTS										
	Production Area 25, total.....	.8	1.5	1.1	1.1	.7	7.9	8.9	3.4	57.8	-
20	Food and kindred products.....	.4	3.9	1.5	.8	1.2	1.4	5.7	1.1	46.3	-
201	Meat, poultry, and small game; fresh, chilled or frozen.....	-	.4	.6	-	.1	1.3	5.6	3.7	35.2	-
2013	Meat products.....	-	3.4	4.4	.3	.8	10.5	28.8	2.0	47.1	-
20132	Meats and sausage, cooked, cured, dried, smoked, or salted.....	-	3.5	4.5	.3	.8	10.8	29.7	1.8	45.8	-
2014	Animal byproducts, inedible.....	-	-	-	-	-	-	8.8	8.6	50.0	-
203	Canned and preserved fruits, vege- tables, and seafoods.....	.4	5.1	1.4	.7	.8	.4	4.2	.2	45.6	-
204	Grain mill products.....	.9	-	1.6	2.3	7.2	4.0	9.5	4.9	31.5	-
2042	Prepared feed for animals, fish, and fowls (except hay, straw, or related products).....	1.1	-	2.0	2.9	8.9	-	5.5	5.2	27.7	-
208	Beverages and flavoring extracts.....	-	.2	3.0	.9	.9	7.2	11.8	4.7	61.3	-
2082	Malt liquors.....	-	-	3.1	.9	1.0	7.3	12.1	3.7	62.1	-
20821	Beer, ale, porter, and stout in barrels, bottles, cans, or kegs.....	-	-	3.1	.9	1.0	7.3	12.1	3.7	62.1	-
2086	Bottled and canned soft drinks and carbonated, mineral, and plain waters.	-	-	-	-	-	3.7	.7	70.3	25.3	-
20861	Bottled and canned soft drinks and car- bonated, mineral, and plain waters....	-	-	-	-	-	3.7	.7	70.3	25.3	-
2087	Miscellaneous flavoring extracts, sirups, and flavoring compounds (except chocolate sirups).....	-	6.7	1.0	.2	.1	4.2	9.0	6.9	45.6	-
20871	Flavoring extracts, emulsions, and flavoring compounds.....	-	6.7	1.0	.2	.1	4.2	9.0	6.9	45.6	-
209	Miscellaneous food preparations and and kindred products.....	1.4	1.7	1.2	.2	.1	2.8	8.8	1.5	55.8	-
233	Women's, misses', girls', and infants' clothing.....	1.3	22.0	.9	.2	.3	.7	1.3	.5	41.8	-
2331	Women's, misses', girls', and infants' clothing.....	1.3	22.0	.9	.2	.3	.7	1.3	.5	41.8	-
23311	Women's, misses', girls', and infants' clothing.....	1.3	22.0	.9	.2	.3	.7	1.3	.5	41.8	-

See footnotes at end of table.

TABLE 4. Percent Distribution of Commodities, by Production Area of Destination: 1967 --Continued

TCC code	Commodity	Number	Percent distribution by production area ¹ of destination							
			Total	1 (BOST)	2 (HART)	3 (NYNY)	4 (N. NJ)	5 (PHIL)	6 (BALT)	7 (ALLN)
	TON-MILES OF SHIPMENTS--Continued	(millions of ton-miles)								
25	Furniture and fixtures.....	87	100.0	0.5	1.2	2.1	0.6	1.4	0.2	-
251	Household and office furniture.....	82	100.0	.3	.1	2.1	.7	1.5	.2	-
2513	Couches, davenports, love seats, sofas, and settees.....	11	100.0	-	-	-	-	-	-	-
25131	Couches, davenports, love seats, sofas, and settees.....	11	100.0	-	-	-	-	-	-	-
2516	Dressers, vanities, chests of drawers, and beds (except hospital beds).....	6	100.0	-	-	-	-	20.6	-	-
25161	Dressers, vanities, chests of drawers, and beds (except hospital beds).....	6	100.0	-	-	-	-	20.6	-	-
26	Pulp, paper, and allied products.....	292	100.0	-	-	3.2	-	-	-	-
263	Paperboard, fiberboard, and pulpboard (except insulating board).....	25	100.0	-	-	-	-	-	-	-
2631	Paperboard, fiberboard, and pulpboard (except insulating board).....	25	100.0	-	-	-	-	-	-	-
26311	Paperboard, fiberboard, and pulpboard (except insulating board).....	25	100.0	-	-	-	-	-	-	-
264	Converted paper and paperboard products (except containers and boxes).....	98	100.0	.1	-	9.4	-	-	-	-
265	Containers, boxes and related products, paperboard, fiberboard, and pulpboard.	132	100.0	-	-	-	-	-	-	-
2651	Containers, boxes, baskets, pallets and skids, paperboard, fiberboard, and pulpboard.....	107	100.0	-	-	-	-	.1	-	-
26511	Containers and boxes, paperboard, fiberboard, and pulpboard.....	107	100.0	-	-	-	-	.1	-	-
2654	Sanitary food containers.....	25	100.0	-	-	-	-	-	-	-
28	Chemicals and allied products.....	1,210	100.0	.1	.1	.2	2.2	.4	1.0	0.1
281	Industrial chemicals.....	499	100.0	-	.2	-	-	.3	-	.2
282	Plastic materials and plasticizers, synthetic resins, rubbers, and fibers.	271	100.0	-	-	-	9.5	.2	4.2	-
2821	Plastic materials and plasticizers, synthetic resins, rubbers, and fibers.	271	100.0	-	-	-	9.5	.2	4.2	-
28211	Plastic materials and plasticizers, synthetic resins, and nonvulcanizable elastomers.....	223	100.0	-	-	.1	11.6	.2	-	-
284	Soap and detergents, cleaning preparations, perfumes, cosmetics, and other toilet preparations.....	276	100.0	-	-	.2	.1	.9	-	-
2841	Soap and other detergents (except specialty cleansers).....	97	100.0	-	-	-	-	-	-	-
28423	Waxes and polishing preparations and related products.....	27	100.0	-	-	-	.1	-	-	-
2844	Perfumes, cosmetics, and other toilet preparations.....	56	100.0	-	-	.9	.2	.1	-	-
28441	Perfumes, cosmetics, and other toilet preparations.....	56	100.0	-	-	.9	.2	.1	-	-
285	Paints, varnishes, lacquers, enamels, and allied products.....	61	100.0	.5	-	.2	.3	.1	.9	-
2851	Paints, varnishes, lacquers, enamels, and allied products.....	61	100.0	.5	-	.2	.3	.1	.9	-
28511	Paints, varnishes, lacquers, enamels, and shellacs.....	46	100.0	.6	-	.1	.2	.1	.9	-
29	Petroleum and coal products.....	8,073	100.0	-	-	-	-	-	-	-
291	Products of petroleum refining.....	7,897	100.0	-	-	-	-	-	-	-
2911	Products of petroleum refining (except liquefied petroleum gases and petroleum coke and breeze).....	7,818	100.0	-	-	-	-	-	-	-

See footnotes at end of table.

TABLE 4. Percent Distribution of Commodities, by Production Area of Destination: 1967--Continued

TCC code	Commodity	Percent distribution by production area ¹ of destination--Continued									
		8 (HARR)	9 (SYRA)	10 (BUFF)	11 (CLEV)	12 (PITT)	13 (DETR)	14 (CINC)	15 (CHIC)	16 (MILW)	17 (M-SP)
	TON-MILES OF SHIPMENTS--Continued										
25	Furniture and fixtures.....	-	0.1	0.3	18.1	-	2.6	0.6	2.7	-	0.5
251	Household and office furniture.....	-	.1	.3	19.1	-	2.7	.7	2.9	-	.5
2513	Couches, davenports, love seats, sofas, and settees.....	-	.6	-	-	-	-	-	.6	-	-
25131	Couches, davenports, love seats, sofas, and settees.....	-	.6	-	-	-	-	-	.6	-	-
2516	Dressers, vanities, chests of drawers, and beds (except hospital beds).....	-	-	-	-	-	-	-	.8	-	-
25161	Dressers, vanities, chests of drawers, and beds (except hospital beds).....	-	-	-	-	-	-	-	.8	-	-
26	Pulp, paper, and allied products.....	-	-	.6	.3	-	.1	4.6	1.9	-	-
263	Paperboard, fiberboard, and pulpboard (except insulating board).....	-	-	-	-	-	-	-	-	-	-
2631	Paperboard, fiberboard, and pulpboard (except insulating board).....	-	-	-	-	-	-	-	-	-	-
26311	Paperboard, fiberboard, and pulpboard (except insulating board).....	-	-	-	-	-	-	-	-	-	-
264	Converted paper and paperboard products (except containers and boxes).....	-	-	-	.8	-	.1	-	5.5	-	-
265	Containers, boxes and related products, paperboard, fiberboard, and pulpboard.	-	.1	1.3	-	-	.3	-	-	-	.1
2651	Containers, boxes, baskets, pallets and skids, paperboard, fiberboard, and pulpboard.....	-	.1	1.7	-	-	.3	-	-	-	.1
26511	Containers and boxes, paperboard, fiberboard, and pulpboard.....	-	.1	1.7	-	-	.3	-	-	-	.1
2654	Sanitary food containers.....	-	-	-	-	-	-	-	-	0.1	-
28	Chemicals and allied products.....	-	-	3.7	-	1.0	.2	.2	4.1	.1	.1
281	Industrial chemicals.....	-	-	-	-	.1	.3	.1	.1	-	-
282	Plastic materials and plasticizers, synthetic resins, rubbers, and fibers.	-	-	16.2	.1	4.2	-	-	8.0	-	-
2821	Plastic materials and plasticizers, synthetic resins, rubbers, and fibers.	-	-	16.2	.1	4.2	-	-	8.0	-	-
28211	Plastic materials and plasticizers, synthetic resins, and nonvulcanizable elastomers.....	-	-	19.6	.1	5.1	-	-	1.8	-	-
284	Soap and detergents, cleaning prepara- tions, perfumes, cosmetics, and other toilet preparations.....	-	-	-	-	-	.1	.4	6.8	.2	.3
2841	Soap and other detergents (except specialty cleansers).....	-	-	-	-	-	-	.1	6.4	-	-
28423	Waxes and polishing preparations and related products.....	-	-	-	-	-	-	-	-	-	2.6
2844	Perfumes, cosmetics, and other toilet preparations.....	-	-	.2	.1	.1	.5	1.9	20.0	1.0	.2
28441	Perfumes, cosmetics, and other toilet preparations.....	-	-	.2	.1	.1	.5	1.9	20.0	1.0	.2
285	Paints, varnishes, lacquers, enamels, and allied products.....	-	-	.5	-	.3	1.0	.2	1.2	-	.1
2851	Paints, varnishes, lacquers, enamels, and allied products.....	-	-	.5	-	.3	1.0	.2	1.2	-	.1
28511	Paints, varnishes, lacquers, enamels, and shellacs.....	-	-	.6	-	.4	1.4	.2	1.6	-	.1
29	Petroleum and coal products.....	-	-	-	-	-	-	-	.2	-	-
291	Products of petroleum refining.....	-	-	-	-	-	-	-	.2	-	-
2911	Products of petroleum refining (except liquefied petroleum gases and petro- leum coke and breeze).....	-	-	-	-	-	-	-	.2	-	-

See footnotes at end of table.

TABLE 4. Percent Distribution of Commodities, by Production Area of Destination: 1967--Continued

TCC code	Commodity	Percent distribution by production area ¹ of destination--Continued									Sampling variability code ³
		18 (STLO)	19 (ATLA)	20 (DALL)	21 (HOUS)	22 (DENV)	23 (SETL)	24 (SANF)	25 ² (LOSA)	All other	
	TON-MILES OF SHIPMENTS--Continued										
25	Furniture and fixtures.....	0.6	1.3	0.4	1.4	0.6	6.4	11.9	2.8	43.7	-
251	Household and office furniture.....	.6	-	.4	1.4	.6	6.8	12.3	2.7	44.0	-
2513	Couches, davenports, love seats, sofas, and settees.....	-	-	-	-	-	3.5	38.3	3.2	53.8	-
25131	Couches, davenports, love seats, sofas, and settees.....	-	-	-	-	-	3.5	38.3	3.2	53.8	-
2516	Dressers, vanities, chests of drawers, and beds (except hospital beds).....	-	-	-	.4	1.3	6.7	14.0	2.5	53.7	-
25161	Dressers, vanities, chests of drawers, and beds (except hospital beds).....	-	-	-	.4	1.3	6.7	14.0	2.5	53.7	-
26	Pulp, paper, and allied products.....	-	.1	.1	.1	3.1	8.5	20.6	5.2	51.6	-
263	Paperboard, fiberboard, and pulpboard (except insulating board).....	-	-	-	-	26.6	9.6	37.2	4.2	22.4	-
2631	Paperboard, fiberboard, and pulpboard (except insulating board).....	-	-	-	-	26.6	9.6	37.2	4.2	22.4	-
26311	Paperboard, fiberboard, and pulpboard (except insulating board).....	-	-	-	-	26.6	9.6	37.2	4.2	22.4	-
264	Converted paper and paperboard products (except containers and boxes).....	.1	.2	.2	.3	.4	8.7	23.7	1.5	49.0	-
265	Containers, boxes and related products, paperboard, fiberboard, and pulpboard.	-	-	-	-	1.4	9.1	11.8	8.2	67.7	-
2651	Containers, boxes, baskets, pallets and skids, paperboard, fiberboard, and pulpboard.....	-	-	.1	-	1.5	8.4	11.0	9.8	66.9	-
26511	Containers and boxes, paperboard, fiberboard, and pulpboard.....	-	-	.1	-	1.5	8.4	10.6	9.9	67.2	-
2654	Sanitary food containers.....	-	-	-	-	1.1	12.3	15.5	1.0	70.0	-
28	Chemicals and allied products.....	2.3	.1	.5	1.2	.6	4.3	15.3	5.5	56.7	-
281	Industrial chemicals.....	.4	-	-	.3	-	7.8	22.0	9.9	58.3	-
282	Plastic materials and plasticizers, synthetic resins, rubbers, and fibers.	8.9	.2	1.5	1.9	-	.5	5.6	2.4	36.6	-
2821	Plastic materials and plasticizers, synthetic resins, rubbers, and fibers.	8.9	.2	1.5	1.9	-	.5	5.6	2.4	36.6	-
28211	Plastic materials and plasticizers, synthetic resins, and nonvulcanizable elastomers.....	10.7	.2	1.8	2.3	.1	.6	6.7	2.3	36.8	-
284	Soap and detergents, cleaning preparations, perfumes, cosmetics, and other toilet preparations.....	.4	.1	.7	2.2	1.6	3.0	9.9	2.3	70.8	-
2841	Soap and other detergents (except specialty cleansers).....	-	.2	.5	1.9	.9	1.6	14.8	4.0	69.6	-
28423	Waxes and polishing preparations and related products.....	-	-	2.6	-	11.2	1.4	8.9	.9	72.3	-
2844	Perfumes, cosmetics, and other toilet preparations.....	.1	.1	1.3	3.8	.1	9.4	2.1	.5	57.4	-
28441	Perfumes, cosmetics, and other toilet preparations.....	.1	.1	1.3	3.8	.1	9.4	2.1	.5	57.4	-
285	Paints, varnishes, lacquers, enamels, and allied products.....	-	-	.1	1.0	3.4	2.8	23.1	2.2	62.1	-
2851	Paints, varnishes, lacquers, enamels, and allied products.....	-	-	.1	1.0	3.4	2.8	23.1	2.2	62.1	-
28511	Paints, varnishes, lacquers, enamels, and shellacs.....	.1	-	.1	1.3	4.0	1.7	18.2	2.1	66.3	-
29	Petroleum and coal products.....	-	-	-	-	-	14.8	9.6	4.0	71.4	-
291	Products of petroleum refining.....	-	-	-	-	-	15.0	9.8	3.8	71.2	-
2911	Products of petroleum refining (except liquefied petroleum gases and petroleum coke and breeze).....	-	-	-	-	-	15.2	9.7	3.7	71.2	-

See footnotes at end of table.

TABLE 4. Percent Distribution of Commodities, by Production Area of Destination: 1967 --Continued

TCC code	Commodity	Number	Percent distribution by production area ¹ of destination							
			Total	1 (BOST)	2 (HART)	3 (NYNY)	4 (N. NJ)	5 (PHIL)	6 (BALT)	7 (ALLN)
	TON-MILES OF SHIPMENTS--Continued	(millions of ton-miles)								
29111	Gasoline, jet fuels, and other high volatile petroleum fuels (except natural gasoline).....	1,792	100.0	-	-	-	-	-	-	-
29113	Distillate fuel oil.....	160	100.0	-	-	-	-	-	-	-
29114	Lubricating oils and similar light oils and derivatives.....	49	100.0	-	-	-	-	-	-	-
29116	Petroleum asphalt, tar, and pitches (including coke-oven and coal tar)....	102	100.0	-	-	-	-	-	-	-
2912	Liquefied petroleum and coal gases.....	79	100.0	-	-	-	-	-	-	-
29121	Liquefied petroleum and coal gases.....	79	100.0	-	-	-	-	-	-	-
295	Paving and roofing materials.....	173	100.0	-	-	-	-	-	-	-
2952	Asphalt felt and coatings.....	152	100.0	-	-	-	-	-	-	-
29521	Asphalt and tar saturated felts, boards, roofing, and siding.....	39	100.0	-	-	-	-	-	-	-
29523	Asphalt shingles and siding.....	101	100.0	-	-	-	-	-	-	-
30	Rubber and miscellaneous plastics products.....	372	100.0	0.4	0.9	1.5	3.2	1.3	-	-
301	Tires and inner tubes.....	139	100.0	-	-	-	-	.1	-	-
3011	Tires and inner tubes.....	139	100.0	-	-	-	-	.1	-	-
30111	Pneumatic tires.....	132	100.0	-	-	-	.1	.1	-	-
306	Miscellaneous fabricated rubber products.....	45	100.0	.6	1.1	4.8	1.5	6.2	-	0.2
3061	Miscellaneous fabricated rubber products.....	45	100.0	.6	1.1	4.8	1.5	6.2	-	.2
30619	Fabricated rubber products, n.e.c.....	26	100.0	1.1	1.9	8.0	2.3	10.6	-	.4
307	Miscellaneous plastic products.....	180	100.0	.7	1.6	2.0	6.2	1.1	-	-
3071	Miscellaneous plastic products.....	180	100.0	.7	1.6	2.0	6.2	1.1	-	-
30719	Fabricated plastics products, n.e.c. (including footwear made wholly of plastic).....	59	100.0	2.0	.7	3.2	16.7	-	-	-
32	Stone, clay, and glass products.....	1,009	100.0	.2	.7	.3	.8	1.1	0.1	-
322	Glass and glassware, pressed and blown.	145	100.0	-	-	-	-	-	-	-
3221	Glass containers, caps and covers.....	140	100.0	-	-	-	-	-	-	-
32212	Glass bottles.....	119	100.0	-	-	-	-	-	-	-
324	Hydraulic cement.....	278	100.0	-	-	-	-	-	-	-
3241	Hydraulic cement.....	278	100.0	-	-	-	-	-	-	-
325	Structural clay products.....	49	100.0	-	-	-	-	-	-	-
326	Pottery and related products.....	44	100.0	3.3	1.8	7.3	1.6	.7	1.3	.1
3269	Miscellaneous pottery products.....	22	100.0	6.2	3.0	12.8	2.7	1.2	2.4	.1
32699	Pottery products, n.e.c.....	22	100.0	6.2	3.0	12.8	2.7	1.2	2.4	.1
327	Concrete, gypsum, plaster, and plaster products.....	141	100.0	-	-	-	.1	-	-	-
3271	Concrete products.....	85	100.0	-	-	-	.2	-	-	-
32714	Concrete pipe, tile, conduit, culverts, and drains.....	82	100.0	-	-	-	-	-	-	-
329	Abrasives, asbestos, and miscellaneous nonmetallic mineral products.....	346	100.0	-	1.7	-	2.1	3.1	-	-
3293	Steam and other packing and pipe and boiler covering.....	-	-	-	-	-	-	-	-	-
33	Primary metal products.....	902	100.0	.2	.5	.8	1.5	.3	-	-
331	Steel works and rolling mill products..	637	100.0	-	-	.2	-	-	-	-
3312	Primary iron and steel products (except coke-oven products).....	629	100.0	-	-	.2	-	-	-	-
33124	Bars, bar shapes, and rods.....	110	100.0	-	-	-	-	-	-	-

See footnotes at end of table.

TABLE 4. Percent Distribution of Commodities, by Production Area of Destination: 1967--Continued

TCC code	Commodity	Percent distribution by production area ¹ of destination--Continued									
		8 (HARR)	9 (SYRA)	10 (BUFF)	11 (CLEV)	12 (PITT)	13 (DETR)	14 (CINC)	15 (CHIC)	16 (MILW)	17 (M-SP)
	TON-MILES OF SHIPMENTS--Continued										
29111	Gasoline, jet fuels, and other high volatile petroleum fuels (except natural gasoline).....	-	-	-	-	-	-	-	-	-	-
29113	Distillate fuel oil.....	-	-	-	-	-	-	-	-	-	-
29114	Lubricating oils and similar light oils and derivatives.....	-	-	-	-	-	-	-	-	-	-
29116	Petroleum asphalt, tar, and pitches (including coke-oven and coal tar)....	-	-	-	-	-	-	-	-	-	-
2912	Liquefied petroleum and coal gases.....	-	-	-	-	-	-	-	-	-	-
29121	Liquefied petroleum and coal gases.....	-	-	-	-	-	-	-	-	-	-
295	Paving and roofing materials.....	-	-	-	-	-	-	-	-	-	-
2952	Asphalt felt and coatings.....	-	-	-	-	-	-	-	-	-	-
29521	Asphalt and tar saturated felts, boards, roofing, and siding.....	-	-	-	-	-	-	-	-	-	-
29523	Asphalt shingles and siding.....	-	-	-	-	-	-	-	-	-	-
30	Rubber and miscellaneous plastics products.....	0.3	0.2	0.2	5.4	0.1	1.4	1.2	7.8	1.3	1.5
301	Tires and inner tubes.....	-	-	-	10.7	-	-	-	-	-	-
3011	Tires and inner tubes.....	-	-	-	10.7	-	-	-	-	-	-
30111	Pneumatic tires.....	-	-	-	11.3	-	-	-	-	-	-
306	Miscellaneous fabricated rubber products.....	1.6	1.0	.8	2.2	.2	.2	.5	13.2	.6	.7
3061	Miscellaneous fabricated rubber products.....	1.6	1.0	.8	2.2	.2	.2	.5	13.2	.6	.7
30619	Fabricated rubber products, n.e.c.....	.4	1.6	.2	2.3	.3	.3	.7	12.3	1.1	1.2
307	Miscellaneous plastic products.....	.3	.1	.1	.5	.1	2.9	2.4	12.7	2.5	2.9
3071	Miscellaneous plastic products.....	.3	.1	.1	.5	.1	2.9	2.4	12.7	2.5	2.9
30719	Fabricated plastics products, n.e.c. (including footwear made wholly of plastic).....	-	-	.3	.3	.2	3.4	1.4	19.0	4.0	5.5
32	Stone, clay, and glass products.....	-	-	-	.1	.1	1.3	-	3.8	1.1	.1
322	Glass and glassware, pressed and blown.	-	-	-	-	-	.8	-	.2	-	-
3221	Glass containers, caps and covers.....	-	-	-	-	-	.8	-	.1	-	-
32212	Glass bottles.....	-	-	-	-	-	1.0	-	-	-	-
324	Hydraulic cement.....	-	-	-	-	-	-	-	-	-	-
3241	Hydraulic cement.....	-	-	-	-	-	-	-	-	-	-
325	Structural clay products.....	-	-	-	-	-	-	-	1.3	.3	-
326	Pottery and related products.....	.3	.4	.7	.8	1.1	2.6	.8	7.1	1.1	2.3
3269	Miscellaneous pottery products.....	.4	.7	.3	1.4	1.6	4.5	1.1	9.3	1.0	2.8
32699	Pottery products, n.e.c.....	.4	.7	.3	1.4	1.6	4.5	1.1	9.3	1.0	2.8
327	Concrete, gypsum, plaster, and plaster products.....	-	-	-	-	-	-	-	-	-	-
3271	Concrete products.....	-	-	-	-	-	-	-	-	-	-
32714	Concrete pipe, tile, conduit, culverts, and drains.....	-	-	-	-	-	-	-	-	-	-
329	Abrasives, asbestos, and miscellaneous nonmetallic mineral products.....	-	-	-	.1	-	3.2	-	9.8	3.2	-
3293	Steam and other packing and pipe and boiler covering.....	-	-	-	-	-	-	-	-	-	-
33	Primary metal products.....	-	.7	-	.7	.2	1.0	.6	1.6	.6	.1
331	Steel works and rolling mill products..	-	-	-	-	-	-	-	-	-	-
3312	Primary iron and steel products (except coke-oven products).....	-	-	-	-	-	-	-	-	-	-
33124	Bars, bar shapes, and rods.....	-	-	-	-	-	-	-	-	-	-

See footnotes at end of table.

TABLE 4. Percent Distribution of Commodities, by Production Area of Destination: 1967--Continued

TCC code	Commodity	Percent distribution by production area ¹ of destination--Continued									Sampling variability code ³
		18 (STLO)	19 (ATLA)	20 (DALL)	21 (HOUS)	22 (DENV)	23 (SETL)	24 (SANF)	25 ² (LOSA)	All other	
	TON-MILES OF SHIPMENTS--Continued										
29111	Gasoline, jet fuels, and other high volatile petroleum fuels (except natural gasoline).....	-	-	-	-	-	0.1	5.2	3.1	91.6	-
29113	Distillate fuel oil.....	-	-	-	-	-	-	43.6	19.8	36.6	-
29114	Lubricating oils and similar light oils and derivatives.....	-	-	0.1	-	-	-	14.5	10.0	75.4	-
29116	Petroleum asphalt, tar, and pitches (including coke-oven and coal tar)....	-	-	-	-	-	-	1.2	16.2	82.6	-
2912	Liquefied petroleum and coal gases.....	-	-	-	-	-	-	12.2	7.5	80.3	-
29121	Liquefied petroleum and coal gases.....	-	-	-	-	-	-	12.2	7.5	80.3	-
295	Paving and roofing materials.....	-	-	-	-	-	6.6	4.1	12.2	77.1	-
2952	Asphalt felt and coatings.....	-	-	-	-	-	7.5	4.7	6.8	81.0	-
29521	Asphalt and tar saturated felts, boards, roofing, and siding.....	-	-	-	-	-	9.4	8.5	8.8	73.3	-
29523	Asphalt shingles and siding.....	-	-	-	-	-	6.8	3.8	4.4	85.0	-
30	Rubber and miscellaneous plastics products.....	0.4	6.7	11.1	1.8	3.2	4.1	3.7	1.3	41.0	-
301	Tires and inner tubes.....	-	11.1	21.9	.3	8.2	2.8	6.1	1.2	37.6	-
3011	Tires and inner tubes.....	-	11.1	21.9	.3	8.2	2.8	6.1	1.2	37.6	-
30111	Pneumatic tires.....	-	11.6	23.0	.3	8.7	2.4	5.3	.9	36.3	-
306	Miscellaneous fabricated rubber products.....	2.3	1.0	7.7	4.1	-	8.2	1.9	1.0	38.4	-
3061	Miscellaneous fabricated rubber products.....	2.3	1.0	7.7	4.1	-	8.2	1.9	1.0	38.4	-
30619	Fabricated rubber products, n.e.c.....	1.0	-	8.8	1.3	.1	1.8	1.6	1.3	39.4	-
307	Miscellaneous plastic products.....	.2	5.0	4.1	2.5	.3	4.0	2.5	1.4	43.9	-
3071	Miscellaneous plastic products.....	.2	5.0	4.1	2.5	.3	4.0	2.5	1.4	43.9	-
30719	Fabricated plastics products, n.e.c. (including footwear made wholly of plastic).....	.2	10.8	1.9	.8	.3	1.0	1.6	.7	26.0	-
32	Stone, clay, and glass products.....	9.1	.3	.6	3.9	3.6	3.4	6.1	14.7	48.6	-
322	Glass and glassware, pressed and blown.	-	-	-	-	19.7	4.2	18.2	5.3	51.6	-
3221	Glass containers, caps and covers.....	-	-	-	-	20.5	3.3	18.8	4.9	51.6	-
32212	Glass bottles.....	-	-	-	-	23.4	3.9	14.9	4.8	52.0	-
324	Hydraulic cement.....	-	-	-	-	1.7	-	.2	36.0	62.1	-
3241	Hydraulic cement.....	-	-	-	-	1.7	-	.2	36.0	62.1	-
325	Structural clay products.....	-	-	-	-	-	6.5	9.2	20.8	61.9	-
326	Pottery and related products.....	1.0	6.2	1.2	3.8	1.5	6.9	2.9	.7	42.5	-
3269	Miscellaneous pottery products.....	1.6	2.7	1.6	3.1	.8	.4	2.6	.1	35.6	-
32699	Pottery products, n.e.c.....	1.6	2.7	1.6	3.1	.8	.4	2.6	.1	35.6	-
327	Concrete, gypsum, plaster, and plaster products.....	-	-	.2	-	-	10.3	6.0	19.3	64.1	-
3271	Concrete products.....	-	-	-	-	-	-	6.1	26.5	67.2	-
32714	Concrete pipe, tile, conduit, culverts, and drains.....	-	-	-	-	-	-	5.8	26.0	68.2	-
329	Abrasives, asbestos, and miscellaneous nonmetallic mineral products.....	26.4	-	1.6	11.0	.6	2.1	5.5	.7	28.9	-
3293	Steam and other packing and pipe and boiler covering.....	-	-	-	-	-	-	-	-	-	-
33	Primary metal products.....	-	3.3	1.8	4.9	.3	6.4	23.0	5.5	46.0	-
331	Steelworks and rolling mill products...	-	3.8	-	5.3	.1	7.1	29.7	7.1	46.7	-
3312	Primary iron and steel products (except coke-oven products).....	-	3.8	-	5.4	.1	7.2	30.1	7.2	46.0	-
33124	Bars, bar shapes, and rods.....	-	-	-	-	-	-	56.6	7.4	36.0	-

See footnotes at end of table.

TABLE 4. Percent Distribution of Commodities, by Production Area of Destination: 1967 --Continued

TCC code	Commodity	Number	Percent distribution by production area ¹ of destination							
			Total	1 (BOST)	2 (HART)	3 (NYNY)	4 (N. NJ)	5 (PHIL)	6 (BALT)	7 (ALLN)
	TON-MILES OF SHIPMENTS--Continued	(millions of ton-miles)								
33219	Iron and steel castings, n.e.c.....	27	100.0	-	-	-	0.2	-	-	-
333	Nonferrous metals primary smelter products (slab, ingot, pig, etc., and residues).....	17	100.0	-	-	-	1.5	-	-	-
335	Nonferrous metal basic shapes.....	163	100.0	0.1	-	3.5	7.8	0.4	-	-
3352	Aluminum and aluminum base alloy basic shapes (except aluminum foil).....	92	100.0	.2	-	6.2	13.9	.5	-	-
33523	Aluminum and aluminum base alloy rods and bars.....	11	100.0	1.7	-	.5	-	3.3	-	-
33524	Aluminum and aluminum base alloy pipe and tube.....	11	100.0	-	-	2.6	2.7	1.2	-	-
336	Nonferrous and nonferrous base alloy castings.....	16	100.0	.1	-	.2	-	.4	-	-
339	Miscellaneous primary metal products...	34	100.0	5.8	12.3	1.3	1.5	5.7	-	-
3392	Nonferrous forgings.....	21	100.0	9.3	10.2	2.0	1.5	9.2	-	-
33921	Nonferrous forgings.....	21	100.0	9.3	10.2	2.0	1.5	9.2	-	-
34	Fabricated metal products.....	635	100.0	1.5	.2	.8	2.0	.5	0.1	-
341	Metal cans.....	24	100.0	-	-	-	-	-	-	-
3411	Metal cans.....	24	100.0	-	-	-	-	-	-	-
34111	Metal cans.....	24	100.0	-	-	-	-	-	-	-
343	Plumbing fixtures and heating apparatus (except electric).....	58	100.0	4.4	.1	.1	1.6	1.3	.4	-
344	Structural and miscellaneous metal products.....	175	100.0	3.8	.2	1.9	.5	.1	-	0.1
3441	Structural metal products.....	45	100.0	-	-	.2	-	-	-	-
34411	Structural metal products, iron and steel.....	42	100.0	-	-	.2	-	-	-	-
3443	Fabricated plate products (boiler shop products).....	19	100.0	-	-	2.0	-	.2	-	-
346	Metal stampings.....	11	100.0	-	1.1	-	10.0	-	-	-
3461	Metal stampings.....	11	100.0	-	1.1	-	10.0	-	-	-
3499	Fabricated metal products, n.e.c.....	50	100.0	-	-	1.4	17.9	2.5	.1	-
35	Machinery, except electrical.....	462	100.0	.6	.4	1.4	1.2	3.4	-	-
353	Construction, mining, and materials handling machinery and equipment.....	69	100.0	1.8	.4	3.7	2.1	.1	-	-
3531	Construction machinery and equipment.....	17	100.0	7.1	1.7	14.1	8.2	.2	.1	-
3533	Oil field machinery and equipment.....	26	100.0	-	-	.2	-	-	-	-
35331	Oil and gas field drilling and field production machinery and equipment...	26	100.0	-	-	.2	-	-	-	-
3544	Special dies and tools, die sets, jigs, fixtures, and industrial molds and patterns.....	3	100.0	-	-	.2	-	-	-	-
35441	Special dies and tools, die sets, jigs, and fixtures.....	3	100.0	-	-	.2	-	-	-	-
359	Miscellaneous machinery and parts (except electrical).....	18	100.0	1.2	.1	.3	.2	.1	.2	-
3599	Miscellaneous machinery and parts (except electrical).....	18	100.0	1.2	.1	.3	.2	.1	.2	-
35999	Machinery and parts, n.e.c. (except electrical).....	18	100.0	1.2	.1	.3	.2	.1	.2	-
36	Electrical machinery and equipment....	300	100.0	2.2	7.0	3.7	1.6	7.5	.2	.1
361	Electrical transmission and distribution equipment.....	6	100.0	1.3	1.7	17.5	3.7	1.8	1.1	-
3611	Electrical measuring instruments and test equipment.....	4	100.0	1.5	2.1	8.0	5.0	2.5	-	-

See footnotes at end of table.

TABLE 4. Percent Distribution of Commodities, by Production Area of Destination: 1967--Continued

TCC code	Commodity	Percent distribution by production area ¹ of destination--Continued									
		8 (HARR)	9 (SYRA)	10 (BUFF)	11 (CLEV)	12 (PITT)	13 (DETR)	14 (CINC)	15 (CHIC)	16 (MILW)	17 (M-SP)
	TON-MILES OF SHIPMENTS--Continued										
33219	Iron and steel castings, n.e.c.....	-	-	0.1	-	-	-	2.9	1.3	-	-
333	Nonferrous metals primary smelter products (slab, ingot, pig, etc., and residues).....	-	-	-	1.2	-	-	-	-	-	-
335	Nonferrous metal basic shapes.....	-	1.5	-	3.7	1.3	0.5	2.5	8.4	3.0	0.2
3352	Aluminum and aluminum base alloy basic shapes (except aluminum foil).....	-	2.6	-	6.6	2.3	.9	4.2	8.7	-	.2
33523	Aluminum and aluminum base alloy rods and bars.....	-	-	-	2.0	1.7	.9	-	32.8	.3	.8
33524	Aluminum and aluminum base alloy pipe and tube.....	-	-	-	-	-	6.3	-	-	-	-
336	Nonferrous and nonferrous base alloy castings.....	-	-	-	-	-	47.2	1.0	-	-	-
339	Miscellaneous primary metal products...	-	10.6	-	.1	-	3.1	.3	.8	2.5	.6
3392	Nonferrous forgings.....	-	.1	-	.1	-	4.8	-	-	4.1	1.0
33921	Nonferrous forgings.....	-	.1	-	.1	-	4.8	-	-	4.1	1.0
34	Fabricated metal products.....	3.5	.1	.1	.4	.2	1.2	.6	1.7	.1	1.2
341	Metal cans.....	-	-	-	-	-	-	.6	.1	-	-
3411	Metal cans.....	-	-	-	-	-	-	.6	.1	-	-
34111	Metal cans.....	-	-	-	-	-	-	.6	.1	-	-
343	Plumbing fixtures and heating apparatus (except electric).....	-	.2	-	3.2	.3	6.1	.8	3.3	-	.7
344	Structural and miscellaneous metal products.....	-	.4	.1	-	-	.5	.1	3.0	-	.1
3441	Structural metal products.....	-	-	.3	-	.2	-	-	.8	-	.4
34411	Structural metal products, iron and steel.....	-	-	.3	-	-	-	-	-	-	-
3443	Fabricated plate products (boiler shop products).....	-	-	-	-	-	1.0	.1	-	-	-
346	Metal stampings.....	-	-	-	-	-	6.3	-	8.9	2.3	-
3461	Metal stampings.....	-	-	-	-	-	6.3	-	8.9	2.3	-
3499	Fabricated metal products, n.e.c.....	-	-	.1	.1	-	-	.1	.1	-	.2
35	Machinery, except electrical.....	.6	.1	1.3	3.1	.8	.9	34.1	2.7	.4	.7
353	Construction, mining, and materials handling machinery and equipment.....	.5	-	.2	.1	.1	.2	.1	.2	.2	2.8
3531	Construction machinery and equipment...	1.9	-	.8	.4	.2	.5	.2	.7	1.0	11.0
3533	Oil field machinery and equipment.....	-	-	-	-	.1	-	-	-	-	-
35331	Oil and gas field drilling and field production machinery and equipment....	-	-	-	-	.1	-	-	-	-	-
3544	Special dies and tools, die sets, jigs, fixtures, and industrial molds and patterns.....	-	-	-	-	-	.1	-	-	.9	-
35441	Special dies and tools, die sets, jigs, and fixtures.....	-	-	-	-	-	.1	-	-	.9	-
359	Miscellaneous machinery and parts (except electrical).....	-	1.0	26.9	.3	-	3.5	.1	.5	.1	.1
3599	Miscellaneous machinery and parts (except electrical).....	-	1.0	26.9	.3	-	3.5	.1	.5	.1	.1
35999	Machinery and parts, n.e.c. (except electrical).....	-	1.0	26.9	.3	-	3.5	.1	.5	.1	.1
36	Electrical machinery and equipment.....	.3	.5	.8	3.0	.5	2.7	2.5	4.6	1.3	.8
361	Electrical transmission and distribution equipment.....	-	-	.2	1.5	1.1	.7	.7	4.7	2.6	5.7
3611	Electrical measuring instruments and test equipment.....	-	-	.2	2.1	1.5	.6	.9	6.1	3.6	3.2

See footnotes at end of table.

TABLE 4. Percent Distribution of Commodities, by Production Area of Destination: 1967--Continued

TCC code	Commodity	Percent distribution by production area ¹ of destination--Continued									Sampling variability code ³
		18 (STLO)	19 (ATLA)	20 (DALL)	21 (HOUS)	22 (DENV)	23 (SETL)	24 (SANF)	25 ² (LOSA)	All other	
	TON-MILES OF SHIPMENTS--Continued										
33219	Iron and steel castings, n.e.c.....	0.1	-	4.0	5.3	0.6	0.3	5.9	5.4	73.9	-
333	Nonferrous metals primary smelter products (slab, ingot, pig, etc., and residues).....	.2	-	-	-	-	-	.8	3.0	93.3	-
335	Nonferrous metal basic shapes.....	.1	3.3	6.6	4.3	.9	7.1	7.6	.8	36.4	-
3352	Aluminum and aluminum base alloy basic shapes (except aluminum foil).....	.1	3.7	2.4	2.2	.2	6.9	5.1	.7	32.4	-
33523	Aluminum and aluminum base alloy rods and bars.....	-	.4	9.3	-	.1	9.3	1.1	.1	35.7	-
33524	Aluminum and aluminum base alloy pipe and tube.....	-	-	.4	-	.3	3.4	7.9	.7	74.5	-
336	Nonferrous and nonferrous base alloy castings.....	.2	-	7.1	.1	1.0	2.5	2.9	.2	37.1	-
339	Miscellaneous primary metal products...	.4	.6	10.2	4.1	.4	1.3	1.0	.4	37.0	-
3392	Nonferrous forgings.....	.7	.9	2.7	-	-	2.2	.3	.5	50.4	-
33921	Nonferrous forgings.....	.7	.9	2.7	-	-	2.2	.3	.5	50.4	-
34	Fabricated metal products.....	.9	1.0	2.4	1.3	.4	10.5	14.9	2.6	51.8	-
341	Metal cans.....	-	-	-	-	-	-	17.4	12.4	69.5	-
3411	Metal cans.....	-	-	-	-	-	-	17.4	12.4	69.5	-
34111	Metal cans.....	-	-	-	-	-	-	17.4	12.4	69.5	-
343	Plumbing fixtures and heating apparatus (except electric).....	.1	2.4	8.6	.7	1.4	1.4	3.0	1.3	58.6	-
344	Structural and miscellaneous metal products.....	1.7	.2	.2	.8	.1	18.8	13.2	4.6	49.6	-
3441	Structural metal products.....	1.5	-	.6	.1	.2	35.0	30.0	12.9	17.8	-
34411	Structural metal products, iron and steel.....	-	-	.6	.1	.2	37.5	32.0	13.8	15.3	-
3443	Fabricated plate products (boiler shop products).....	10.4	-	-	.4	-	-	1.0	5.5	79.4	-
346	Metal stampings.....	10.4	-	.9	-	1.4	1.3	5.9	9.4	42.1	-
3461	Metal stampings.....	10.4	-	.9	-	1.4	1.3	5.9	9.4	42.1	-
3499	Fabricated metal products, n.e.c.....	2.1	-	7.2	-	-	7.6	7.4	.8	52.4	-
35	Machinery, except electrical.....	.5	.4	.7	4.6	.2	1.2	7.4	.5	32.8	-
353	Construction, mining, and materials handling machinery and equipment.....	.4	.1	1.1	16.5	.9	2.0	5.2	.6	60.7	-
3531	Construction machinery and equipment...	1.6	.4	3.5	.3	.6	.3	.1	.3	44.8	-
3533	Oil field machinery and equipment.....	-	-	.6	39.8	-	1.5	.5	.3	57.0	-
35331	Oil and gas field drilling and field production machinery and equipment....	-	-	.6	39.9	-	1.5	.5	.3	56.9	-
3544	Special dies and tools, die sets, jigs, fixtures, and industrial molds and patterns.....	-	2.6	18.7	50.0	-	.1	1.8	.4	25.2	-
35441	Special dies and tools, die sets, jigs, and fixtures.....	-	2.6	18.7	50.0	-	.1	1.8	.4	25.2	-
359	Miscellaneous machinery and parts (except electrical).....	.5	.5	-	27.5	.2	.1	2.1	.2	34.3	-
3599	Miscellaneous machinery and parts (except electrical).....	.5	.5	-	27.5	.2	.1	2.1	.2	34.3	-
35999	Machinery and parts, n.e.c. (except electrical).....	.5	.5	-	27.5	.2	.1	2.1	.2	34.3	-
36	Electrical machinery and equipment.....	1.1	1.0	4.0	3.0	.7	1.7	2.7	.5	46.0	-
361	Electrical transmission and distribution equipment.....	2.2	.6	2.0	2.7	.2	.3	1.2	.2	46.3	-
3611	Electrical measuring instruments and test equipment.....	2.0	.4	1.0	3.7	.3	.1	1.4	.2	53.6	-

See footnotes at end of table.

TABLE 4. Percent Distribution of Commodities, by Production Area of Destination: 1967 --Continued

TCC code	Commodity	Number (millions of ton-miles)	Percent distribution by production area ¹ of destination							
			Total	1 (BOST)	2 (HART)	3 (NYNY)	4 (N. NJ)	5 (PHIL)	6 (BALT)	7 (ALLN)
	TON-MILES OF SHIPMENTS--Continued									
363	Household appliances.....	88	100.0	2.9	2.8	0.3	3.4	3.1	-	0.1
364	Electric lighting and wiring equipment.	52	100.0	.8	.3	1.0	1.1	.6	0.1	.1
3642	Lighting fixtures.....	26	100.0	1.1	.5	1.1	1.0	.7	.1	.2
36421	Electric fixtures, residential, commercial, institutional, and industrial types.....	24	100.0	1.2	.4	1.1	1.1	.7	.1	.1
365	Radio and television receiving sets (except communication types), phonographs, and phonograph records.....	47	100.0	3.5	9.9	9.7	.5	1.3	.6	.2
3651	Radio and television receiving sets (except communication types), and phonographs.....	24	100.0	.3	.7	6.7	.6	.5	-	.4
36511	Household and automotive radios, radio-phonograph combinations, and phonographs.....	14	100.0	.5	1.2	11.3	1.0	.9	-	.8
3652	Phonograph records, record blanks, and prerecorded tapes.....	23	100.0	6.8	19.3	12.7	.4	2.1	1.2	-
36521	Phonograph records, record blanks, and prerecorded tapes.....	23	100.0	6.8	19.3	12.7	.4	2.1	1.2	-
366	Communication equipment.....	3	100.0	5.4	1.0	1.6	-	.2	.1	-
3662	Radio and television transmitting, signaling, and detection equipment and apparatus.....	2	100.0	10.8	2.0	3.2	-	.4	.2	.1
36621	Radio and television transmitting, signaling, and detection equipment and apparatus.....	2	100.0	10.8	2.0	3.2	-	.4	.2	.1
37	Transportation equipment.....	554	100.0	.4	.4	1.9	.8	.3	-	-
371	Motor vehicles and motor vehicle equipment.....	350	100.0	.6	.7	2.6	1.3	.3	-	-
3711	Motor vehicles.....	322	100.0	.4	.5	1.9	.4	-	-	-
3714	Motor vehicle parts and accessories....	8	100.0	-	-	2.6	-	3.3	-	-
38	Instruments, photographic goods, optical goods, watches, and clocks.....	36	100.0	2.4	1.8	17.3	4.2	1.5	.8	5.0
382	Measuring, controlling, and indicating instruments.....	18	100.0	.6	.3	15.0	6.0	1.5	1.6	9.9
3822	Automatic temperature controls.....	15	100.0	.5	.2	16.4	7.1	.9	.7	11.7
38221	Automatic temperature controls.....	15	100.0	.5	.2	16.4	7.1	.9	.7	11.7
39	Miscellaneous products of manufacturing	153	100.0	1.3	2.3	14.0	12.8	4.0	.7	.1
399	Miscellaneous manufactured products....	26	100.0	-	-	1.2	-	-	-	-

See footnotes at end of table.

TABLE 4. Percent Distribution of Commodities, by Production Area of Destination: 1967--Continued

TCC code	Commodity	Percent distribution by production area ¹ of destination--Continued									
		8 (HARR)	9 (SYRA)	10 (BUFF)	11 (CLEV)	12 (PITT)	13 (DETR)	14 (CINC)	15 (CHIC)	16 (MILW)	17 (M-SP)
	TON-MILES OF SHIPMENTS--Continued										
363	Household appliances.....	0.1	0.1	1.5	3.7	0.6	3.2	-	3.5	0.1	0.4
364	Electric lighting and wiring equipment.	.4	.2	.5	2.5	.2	2.9	13.8	8.3	2.7	.3
3642	Lighting fixtures.....	.7	.5	.9	3.8	.3	.2	.3	4.8	2.8	.6
36421	Electric fixtures, residential, commercial, institutional, and industrial types.....	.8	.5	.9	4.0	.4	.2	.3	5.1	3.1	.6
365	Radio and television receiving sets (except communication types), phonographs, and phonograph records.....	.2	2.3	.5	.7	.3	2.7	.2	2.6	.1	1.1
3651	Radio and television receiving sets (except communication types), and phonographs.....	.3	.2	.7	.9	.4	1.3	.4	3.9	.2	.6
36511	Household and automotive radios, radio-phonograph combinations, and phonographs.....	.5	.3	1.2	1.5	.6	2.3	.7	6.4	.3	.9
3652	Phonograph records, record blanks, and prerecorded tapes.....	-	4.5	.2	.5	.3	4.2	.1	1.3	-	1.6
36521	Phonograph records, record blanks, and prerecorded tapes.....	-	4.5	.2	.5	.3	4.2	.1	1.3	-	1.6
366	Communication equipment.....	-	-	16.7	.1	-	.1	.4	.2	-	-
3662	Radio and television transmitting, signaling, and detection equipment and apparatus.....	-	-	.5	.3	.1	.3	.9	.4	-	-
36621	Radio and television transmitting, signaling, and detection equipment and apparatus.....	-	-	.5	.3	.1	.3	.9	.4	-	-
37	Transportation equipment.....	-	.1	.4	.2	-	1.2	.1	2.7	-	.2
371	Motor vehicles and motor vehicle equipment.....	-	.1	.5	.2	-	1.8	.2	4.2	-	.2
3711	Motor vehicles.....	-	-	-	-	-	.6	.1	3.7	-	.2
3714	Motor vehicle parts and accessories....	-	.2	1.2	.2	-	44.4	1.0	8.3	.2	.6
38	Instruments, photographic goods, optical goods, watches, and clocks.....	.5	.2	2.8	2.0	.8	3.4	.9	11.0	.2	.9
382	Measuring, controlling, and indicating instruments.....	1.1	.3	4.3	3.8	1.6	3.1	.6	2.9	.3	.8
3822	Automatic temperature controls.....	1.0	.3	4.1	4.5	1.8	2.3	.2	3.2	.3	1.0
38221	Automatic temperature controls.....	1.0	.3	4.1	4.5	1.8	2.3	.2	3.2	.3	1.0
39	Miscellaneous products of manufacturing	.3	.8	.5	.6	2.8	3.6	1.5	5.8	1.1	.5
399	Miscellaneous manufactured products....	1.2	-	-	-	-	-	3.9	-	.2	1.2

See footnotes at end of table.

TABLE 4. Percent Distribution of Commodities, by Production Area of Destination: 1967--Continued

TCC code	Commodity	Percent distribution by production area ¹ of destination--Continued									Sampling variability code ³
		18 (STLO)	19 (ATLA)	20 (DALL)	21 (HOUS)	22 (DENV)	23 (SETL)	24 (SANF)	25 ² (LOSA)	All other	
	TON-MILES OF SHIPMENTS--Continued										
363	Household appliances.....	0.3	2.0	5.6	6.8	0.4	1.0	3.7	0.6	53.8	-
364	Electric lighting and wiring equipment.	3.4	-	2.7	2.4	2.5	3.4	2.9	.7	46.2	-
3642	Lighting fixtures.....	3.0	-	5.3	2.7	3.6	2.2	5.3	1.2	57.1	-
36421	Electric fixtures, residential, commercial, institutional, and industrial types.....	3.2	-	5.6	2.9	3.9	2.4	4.8	1.3	55.3	-
365	Radio and television receiving sets (except communication types), phonographs, and phonograph records.....	1.5	.6	10.4	1.8	.9	2.0	1.2	.3	44.9	-
3651	Radio and television receiving sets (except communication types), and phonographs.....	.8	-	16.0	1.6	.7	2.7	1.5	.4	58.2	-
36511	Household and automotive radios, radio-phonograph combinations, and phonographs.....	1.3	-	8.7	.3	.6	2.6	1.5	.4	54.2	-
3652	Phonograph record, record blanks, and prerecorded tapes.....	2.2	1.2	4.8	2.0	1.1	1.4	.9	.2	31.0	-
36521	Phonograph records, record blanks, and prerecorded tapes.....	2.2	1.2	4.8	2.0	1.1	1.4	.9	.2	31.0	-
366	Communication equipment.....	.3	1.7	1.1	-	-	2.8	2.6	.3	65.4	-
3662	Radio and television transmitting, signaling, and detection equipment and apparatus.....	.6	3.5	2.1	.1	-	2.4	5.0	.5	66.6	-
36621	Radio and television transmitting, signaling, and detection equipment and apparatus.....	.6	3.5	2.1	.1	-	2.4	5.0	.5	66.6	-
37	Transportation equipment.....	2.3	3.1	4.0	3.5	1.2	6.9	7.0	.8	62.5	-
371	Motor vehicle and motor vehicle equipment.....	.1	.1	3.4	5.2	1.7	3.5	8.8	1.0	63.5	-
3711	Motor vehicles.....	-	-	3.6	5.6	1.8	3.8	9.1	1.1	67.2	-
3714	Motor vehicle parts and accessories....	2.0	2.3	2.1	.4	1.1	.5	4.9	-	24.7	-
38	Instruments, photographic goods, optical goods, watches, and clocks.....	1.5	.4	12.1	1.1	.4	.5	1.3	.1	26.9	-
382	Measuring, controlling, and indicating instruments.....	3.1	.3	4.5	1.7	.1	-	.9	-	35.7	-
3822	Automatic temperature controls.....	3.6	.3	5.3	-	.1	-	.6	-	33.9	-
38221	Automatic temperature controls.....	3.6	.3	5.3	-	.1	-	.6	-	33.9	-
39	Miscellaneous products of manufacturing	-	.4	.8	-	.1	.5	4.8	.3	40.4	-
399	Miscellaneous manufactured products....	-	-	.3	-	-	2.6	11.4	1.0	77.0	-

¹Designations below the area numbers are used to help identify the area. Descriptions of production areas appear on page 4.

²Includes only those shipments that originated in one city in this area and terminated in another city in this area. Does not include shipments originating and terminating in the same city.

³Code letter indicates a sampling variability range as follows: a, 0-9 percent; b, 10-19 percent; c, 20-29 percent; and d, 30-50 percent. The variability for ton-miles has not been estimated.

SELECTED STATES

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Tables for each State are as follows:

Table A. Percent Distribution of Shipments, and Average Length of Haul, by Means of Transport

Table B. Percent Distribution of Shipments by Distance of Shipment

Table C. Percent Distribution of Tons of Commodities, by Region of Destination

Table 1. Percent Distribution of Commodities, by Means of Transport: 1967

Table 2. Percent Distribution of Commodities, by Distance of Shipment: 1967

Table 3. Percent Distribution of Commodities, by Geographic Division of Destination: 1967

ALABAMA

SUMMARY

The estimates of tons and ton-miles are based on reports from a sample of manufacturing establishments located in the State of Alabama. The total tons and ton-miles represent the total intercity shipments by essentially all manufacturing establishments in the State, except for plants with less than 20 employees. However, since the data are based on a sample, the estimates necessarily are subject to "sampling variability."

The approximate degree of sampling variability for tons for each commodity or commodity class is indicated in the last column of tables 1 to 3. In general, most of the commodity data in this report are subject to substantial sampling variability and should be treated as approximate rather than precise measures.

About 25 million tons of commodities were shipped by plants in this area to destinations beyond the local area. These shipments gener-

ated 10.8 billion ton-miles by all means of transport combined, and averaged about 430 straight-line miles per ton shipped.

Table B indicates that 30 percent of the tons moved between 500 and 999 miles and that mileage block accounts for 49 percent of the ton-miles.

Rail is the dominant means of transport, accounting for 58 percent of the total tons. When measured in terms of ton-miles rather than tons, rail remains the dominant means of transport, accounting for over 70 percent of the total ton-miles.

As shown in table C, almost 68 percent of the total tons shipped by plants in Alabama remained in the South. However, for some commodity groups (such as Pulp and Paper Products and Rubber and Miscellaneous Plastics Products) a more widespread distribution is indicated.

Table A. PERCENT DISTRIBUTION OF SHIPMENTS, AND AVERAGE LENGTH OF HAUL, BY MEANS OF TRANSPORT

Means of transport	Tons	Ton-miles	Average length of haul
	(thousands)	(millions)	(miles)
All commodities.....	25,016	10,753	(X)
ALL COMMODITIES	Percent distribution		
All means of transport.....	100.0	100.0	430
Rail.....	58.2	70.5	521
Motor carrier.....	22.4	18.5	355
Private truck.....	12.7	6.1	206
Air.....	.2	.1	-
Water.....	6.3	4.6	-
All other.....	.2	.2	-

Note: Average length of haul is based on straight-line miles from plant to customer or primary redistribution point, weighted by tonnage shipped (i.e., ton-miles divided by tons). Rail short-line and highway direct-route distances average about 24 and 21 percent, respectively, longer than straight-line distances.

Table B. PERCENT DISTRIBUTION OF SHIPMENTS BY DISTANCE OF SHIPMENT

Distance shipped	Tons	Ton-miles
ALL COMMODITIES		
All distances.....	100.0	100.0
Under 100 miles.....	16.8	1.9
100 to 199 miles.....	15.8	5.4
200 to 299 miles.....	13.2	7.4
300 to 499 miles.....	18.4	16.6
500 to 999 miles.....	30.1	49.3
1,000 to 1,499 miles.....	3.3	8.6
1,500 miles and over.....	2.4	10.8

Table C. PERCENT DISTRIBUTION OF TONS OF COMMODITIES BY REGION OF DESTINATION

TCC code	Commodity class	Tons (thousands)	Percent distribution by region ¹ of destination				
			All destinations	North-east	North Central	South	West
	Total.....	² 25,016	100.0	12.6	16.6	67.5	3.3
20	Food and kindred products.....	1,197	100.0	8.9	9.2	80.7	1.2
22	Basic textiles.....	622	100.0	22.4	8.7	65.8	3.1
23	Apparel, including knit apparel, and other finished textile products.....	150	100.0	17.1	20.8	51.9	10.2
24	Lumber and wood products, except furniture.....	1,503	100.0	7.4	18.5	74.1	-
26	Pulp, paper, and allied products.....	3,890	100.0	28.3	25.9	41.1	-
28	Chemicals and allied products.....	2,596	100.0	4.9	30.9	62.6	1.6
30	Rubber and miscellaneous plastics products.....	346	100.0	8.5	49.7	37.2	-
33	Primary metal products.....	8,674	100.0	16.3	16.9	61.5	3.3
34	Fabricated metal products.....	868	100.0	1.7	9.6	85.2	3.5
37	Transportation equipment.....	64	100.0	3.4	9.5	85.7	1.4

¹See map on inside cover for areas included in the regions of the United States.

²Total includes commodities not shown separately.

TABLE 1. Percent Distribution of Commodities, by Means of Transport: 1967

TCC code	Commodity	Number	Percent distribution by means of transport								Sampling variability code ¹
			All means of transport	Rail	Motor carrier	Private truck	Air	Water	Other	Unknown	
	TONS OF SHIPMENTS	(thousands of tons)									
	Alabama, total.....	25,016	100.0	58.2	22.4	12.7	0.2	6.3	0.2	-	-
20	Food and kindred products.....	1,197	100.0	23.7	18.7	57.6	-	-	-	-	d
201	Meat, poultry, and small game; fresh, chilled or frozen.....	263	100.0	-	37.8	62.2	-	-	-	-	d
22	Basic textiles.....	622	100.0	19.7	57.5	22.8	-	-	-	-	c
221	Cotton broadwoven fabrics.....	344	100.0	15.7	57.8	26.5	-	-	-	-	d
2211	Cotton broadwoven fabrics.....	344	100.0	15.7	57.8	26.5	-	-	-	-	d
228	Thread and yarn (cotton, wool, silk, and man-made fiber).....	167	100.0	34.6	46.1	19.3	-	-	-	-	d
2281	Yarn.....	167	100.0	34.6	46.1	19.3	-	-	-	-	d
23	Apparel, including knit apparel, and other finished textile products.....	150	100.0	3.6	67.0	24.8	-	-	3.6	1.0	d
24	Lumber and wood products, except furniture.....	1,503	100.0	36.6	10.8	52.6	-	-	-	-	d
26	Pulp, paper, and allied products.....	3,890	100.0	86.3	12.7	1.0	-	-	-	-	c
261	Pulp and pulp mill products.....	642	100.0	97.2	2.8	-	-	-	-	-	c
2611	Pulp and pulp mill products.....	642	100.0	97.2	2.8	-	-	-	-	-	c
262	Paper (except building paper).....	1,371	100.0	83.3	14.6	2.1	-	-	-	-	b
2621	Paper (except building paper).....	1,371	100.0	83.3	14.6	2.1	-	-	-	-	b
263	Paperboard, fiberboard, and pulpboard (except insulating board).....	1,230	100.0	89.0	11.0	-	-	-	-	-	d
2631	Paperboard, fiberboard, and pulpboard (except insulating board).....	1,230	100.0	89.0	11.0	-	-	-	-	-	d
28	Chemicals and allied products.....	2,596	100.0	61.7	12.6	7.3	-	18.4	-	-	d
282	Plastic materials and plasticizers, synthetic resins, rubbers, and fibers.....	118	100.0	19.1	78.3	2.6	-	-	-	-	d
2821	Plastic materials and plasticizers, synthetic resins, rubbers, and fibers.....	118	100.0	19.1	78.3	2.6	-	-	-	-	d
30	Rubber and miscellaneous plastics products.....	346	100.0	44.8	43.7	10.6	-	-	.3	.6	c
301	Tires and inner tubes.....	298	100.0	52.0	46.2	.7	-	-	.4	.7	c
3011	Tires and inner tubes.....	298	100.0	52.0	46.2	.7	-	-	.4	.7	c
33	Primary metal products.....	8,674	100.0	69.5	23.1	4.5	.5	2.1	.3	-	d
332	Iron and steel castings.....	2,642	100.0	42.8	47.1	8.4	-	.5	1.1	.1	b
3321	Iron and steel castings.....	2,642	100.0	42.8	47.1	8.4	-	.5	1.1	.1	b
335	Nonferrous metal basic shapes.....	377	100.0	33.4	60.8	5.8	-	-	-	-	c
34	Fabricated metal products.....	868	100.0	40.7	30.1	24.2	-	3.9	.8	.3	d
37	Transportation equipment.....	64	100.0	39.8	23.3	36.5	.4	-	-	-	d

See footnote at end of table.

TABLE 1. Percent Distribution of Commodities, by Means of Transport: 1967--Continued

TCC code	Commodity	Number	Percent distribution by means of transport								Sampling variability code ¹
			All means of transport	Rail	Motor carrier	Private truck	Air	Water	Other	Unknown	
	TON-MILES OF SHIPMENTS	(millions of ton-miles)									
	Alabama, total.....	10,753	100.0	70.5	18.5	6.1	0.1	4.6	0.2	-	-
20	Food and kindred products.....	348	100.0	28.1	42.0	29.9	-	-	-	-	-
201	Meat, poultry, and small game; fresh, chilled or frozen.....	74	100.0	-	78.3	21.7	-	-	-	-	-
22	Basic textiles.....	328	100.0	25.0	59.6	15.3	-	-	.1	-	-
221	Cotton broadwoven fabrics.....	206	100.0	27.9	55.0	17.1	-	-	-	-	-
2211	Cotton broadwoven fabrics.....	206	100.0	27.9	55.0	17.1	-	-	-	-	-
228	Thread and yarn (cotton, wool, silk, and man-made fiber).....	72	100.0	25.5	61.1	13.4	-	-	-	-	-
2281	Yarn.....	72	100.0	25.5	61.1	13.4	-	-	-	-	-
23	Apparel, including knit apparel, and other finished textile products.....	90	100.0	6.5	76.0	11.4	-	.1	4.8	1.2	-
24	Lumber and wood products, except furniture.....	443	100.0	65.1	11.1	23.8	-	-	-	-	-
26	Pulp, paper, and allied products.....	2,779	100.0	90.0	9.8	.2	-	-	-	-	-
261	Pulp and pulp mill products.....	475	100.0	99.6	.4	-	-	-	-	-	-
2611	Pulp and pulp mill products.....	475	100.0	99.6	.4	-	-	-	-	-	-
262	Paper (except building paper).....	914	100.0	88.0	11.5	.5	-	-	-	-	-
2621	Paper (except building paper).....	914	100.0	88.0	11.5	.5	-	-	-	-	-
263	Paperboard, fiberboard, and pulpboard (except insulating board).....	1,017	100.0	90.8	9.2	-	-	-	-	-	-
2631	Paperboard, fiberboard, and pulpboard (except insulating board).....	1,017	100.0	90.8	9.2	-	-	-	-	-	-
28	Chemicals and allied products.....	1,016	100.0	71.3	10.2	2.7	-	15.8	-	-	-
282	Plastic materials and plasticizers, synthetic resins, rubbers, and fibers.....	49	100.0	24.9	73.7	1.4	-	-	-	-	-
2821	Plastic materials and plasticizers, synthetic resins, rubbers, and fibers.....	49	100.0	24.9	73.7	1.4	-	-	-	-	-
30	Rubber and miscellaneous plastics products.....	191	100.0	41.7	42.6	14.8	-	-	.4	.5	-
301	Tires and inner tubes.....	152	100.0	52.4	46.4	.2	-	-	.5	.5	-
3011	Tires and inner tubes.....	152	100.0	52.4	46.4	.2	-	-	.5	.5	-
33	Primary metal products.....	3,956	100.0	73.7	17.8	4.3	.2	3.7	.3	-	-
332	Iron and steel castings.....	1,265	100.0	48.1	36.6	10.2	-	4.1	.9	.1	-
3321	Iron and steel castings.....	1,265	100.0	48.1	36.6	10.2	-	4.1	.9	.1	-
335	Nonferrous metal basic shapes.....	243	100.0	37.9	55.3	6.8	-	-	-	-	-
34	Fabricated metal products.....	274	100.0	49.0	33.7	13.4	-	2.6	1.2	.1	-
37	Transportation equipment.....	24	100.0	38.4	25.5	35.6	.5	-	-	-	-

¹Code letter indicates a sampling variability range as follows: a, 0-9 percent; b, 10-19 percent; c, 20-29 percent; and d, 30-50 percent. The variability for ton-miles has not been estimated.

TABLE 2. Percent Distribution of Commodities, by Distance of Shipment: 1967

TCC code	Commodity	Number	Percent distribution by distance of shipment								Sampling variability code ¹
			All distances	Under 100 miles	100 to 199 miles	200 to 299 miles	300 to 499 miles	500 to 999 miles	1,000 to 1,499 miles	1,500 miles or over	
	TONS OF SHIPMENTS	(thousands of tons)									
	Alabama, total.....	25,016	100.0	16.8	15.8	13.2	18.4	30.1	3.3	2.4	-
20	Food and kindred products.....	1,197	100.0	31.1	26.8	10.1	12.9	16.3	1.6	1.2	d
201	Meat, poultry, and small game; fresh, chilled or frozen.....	263	100.0	37.4	23.7	2.6	6.0	29.0	.1	1.2	d
22	Basic textiles.....	622	100.0	7.0	4.9	14.2	34.0	33.2	4.0	2.7	c
221	Cotton broadwoven fabrics.....	344	100.0	8.0	3.1	15.2	23.2	40.9	4.8	4.8	d
2211	Cotton broadwoven fabrics.....	344	100.0	8.0	3.1	15.2	23.2	40.9	4.8	4.8	d
228	Thread and yarn (cotton, wool, silk, and man-made fiber).....	167	100.0	6.1	7.8	6.8	52.3	23.2	3.8	-	d
2281	Yarn.....	167	100.0	6.1	7.8	6.8	52.3	23.2	3.8	-	d
23	Apparel, including knit apparel, and other finished textile products.....	150	100.0	19.0	6.0	14.7	8.1	39.4	3.5	9.3	d
24	Lumber and wood products, except furniture.....	1,503	100.0	22.3	31.9	5.0	15.9	24.7	.2	-	d
26	Pulp, paper, and allied products.....	3,890	100.0	3.0	5.2	7.9	15.8	49.3	14.7	4.1	c
261	Pulp and pulp mill products.....	642	100.0	4.2	6.5	10.5	3.1	65.1	10.6	-	c
2611	Pulp and pulp mill products.....	642	100.0	4.2	6.5	10.5	3.1	65.1	10.6	-	c
262	Paper (except building paper).....	1,371	100.0	4.3	5.6	8.1	18.5	44.0	16.7	2.8	b
2621	Paper (except building paper).....	1,371	100.0	4.3	5.6	8.1	18.5	44.0	16.7	2.8	b
263	Paperboard, fiberboard, and pulpboard (except insulating board).....	1,230	100.0	1.2	1.1	6.1	17.2	47.8	17.0	9.6	d
2631	Paperboard, fiberboard, and pulpboard (except insulating board).....	1,230	100.0	1.2	1.1	6.1	17.2	47.8	17.0	9.6	d
28	Chemicals and allied products.....	2,596	100.0	11.6	13.7	16.3	34.4	19.6	3.3	1.1	d
282	Plastic materials and plasticizers, synthetic resins, rubbers, and fibers.	118	100.0	9.7	13.8	15.6	26.4	32.5	1.8	.2	d
2821	Plastic materials and plasticizers, synthetic resins, rubbers, and fibers.	118	100.0	9.7	13.8	15.6	26.4	32.5	1.8	.2	d
30	Rubber and miscellaneous plastics products.....	346	100.0	2.5	13.1	5.8	15.3	57.0	3.2	3.1	c
301	Tires and inner tubes.....	298	100.0	2.8	15.0	6.2	15.2	56.7	2.5	1.6	c
3011	Tires and inner tubes.....	298	100.0	2.8	15.0	6.2	15.2	56.7	2.5	1.6	c
33	Primary metal products.....	8,674	100.0	18.8	15.6	6.7	17.7	36.7	.8	3.7	d
332	Iron and steel castings.....	2,642	100.0	11.2	9.7	11.0	21.9	42.6	2.1	1.5	b
3321	Iron and steel castings.....	2,642	100.0	11.2	9.7	11.0	21.9	42.6	2.1	1.5	b
335	Nonferrous metal basic shapes.....	377	100.0	1.2	5.0	13.9	16.3	52.3	2.8	8.5	c
34	Fabricated metal products.....	868	100.0	7.6	33.8	24.9	18.0	12.0	.9	2.8	d
37	Transportation equipment.....	64	100.0	6.8	12.6	8.3	51.4	18.1	1.8	1.0	d

See footnote at end of table.

TABLE 2. Percent Distribution of Commodities, by Distance of Shipment: 1967--Continued

TCC code	Commodity	Number	Percent distribution by distance of shipment								Sampling variability code ¹
			All distances	Under 100 miles	100 to 199 miles	200 to 299 miles	300 to 499 miles	500 to 999 miles	1,000 to 1,499 miles	1,500 miles or over	
	TON-MILES OF SHIPMENTS	(millions of ton-miles)									
	Alabama, total.....	10,753	100.0	1.9	5.4	7.4	16.6	49.3	8.6	10.8	-
20	Food and kindred products.....	348	100.0	6.2	13.9	8.9	17.6	39.6	5.7	8.1	-
201	Meat, poultry, and small game; fresh, chilled or frozen.....	74	100.0	7.5	12.6	2.4	8.1	60.5	.4	8.5	-
22	Basic textiles.....	328	100.0	1.0	1.3	6.9	24.1	47.7	8.2	10.8	-
221	Cotton broadwoven fabrics.....	206	100.0	1.0	.7	6.4	16.1	50.3	8.8	16.7	-
2211	Cotton broadwoven fabrics.....	206	100.0	1.0	.7	6.4	16.1	50.3	8.8	16.7	-
228	Thread and yarn (cotton, wool, silk, and man-made fiber).....	72	100.0	1.1	2.3	4.3	40.6	42.8	8.9	-	-
2281	Yarn.....	72	100.0	1.1	2.3	4.3	40.6	42.8	8.9	-	-
23	Apparel, including knit apparel, and other finished textile products.....	90	100.0	1.4	1.5	5.6	5.8	49.7	6.7	29.3	-
24	Lumber and wood products, except furniture.....	443	100.0	3.6	14.7	4.1	22.2	54.5	.6	.3	-
26	Pulp, paper, and allied products.....	2,779	100.0	.2	1.1	2.9	8.9	53.4	23.1	10.4	-
261	Pulp and pulp mill products.....	475	100.0	.4	1.3	3.7	1.7	76.2	16.7	-	-
2611	Pulp and pulp mill products.....	475	100.0	.4	1.3	3.7	1.7	76.2	16.7	-	-
262	Paper (except building paper).....	914	100.0	.3	1.1	3.5	10.8	48.9	27.8	7.6	-
2621	Paper (except building paper).....	914	100.0	.3	1.1	3.5	10.8	48.9	27.8	7.6	-
263	Paperboard, fiberboard, and pulpboard (except insulating board).....	1,017	100.0	.1	.2	1.8	8.6	44.5	23.4	21.4	-
2631	Paperboard, fiberboard, and pulpboard (except insulating board).....	1,017	100.0	.1	.2	1.8	8.6	44.5	23.4	21.4	-
28	Chemicals and allied products.....	1,016	100.0	1.7	5.4	10.6	35.3	31.8	9.6	5.6	-
282	Plastic materials and plasticizers, synthetic resins, rubbers, and fibers.	49	100.0	1.4	5.3	9.6	27.1	51.0	4.6	1.0	-
2821	Plastic materials and plasticizers, synthetic resins, rubbers, and fibers.	49	100.0	1.4	5.3	9.6	27.1	51.0	4.6	1.0	-
30	Rubber and miscellaneous plastics products.....	191	100.0	.4	3.7	2.6	11.6	65.0	6.5	10.2	-
301	Tires and inner tubes.....	152	100.0	.5	4.6	3.1	12.3	68.4	5.4	5.7	-
3011	Tires and inner tubes.....	152	100.0	.5	4.6	3.1	12.3	68.4	5.4	5.7	-
33	Primary metal products.....	3,956	100.0	1.5	5.1	3.5	15.2	56.8	1.8	16.1	-
332	Iron and steel castings.....	1,265	100.0	.9	3.2	5.7	18.8	58.3	4.8	8.3	-
3321	Iron and steel castings.....	1,265	100.0	.9	3.2	5.7	18.8	58.3	4.8	8.3	-
335	Nonferrous metal basic shapes.....	243	100.0	.1	1.1	5.1	10.9	54.3	4.5	24.0	-
34	Fabricated metal products.....	274	100.0	1.5	15.3	18.4	21.6	24.5	3.0	15.7	-
37	Transportation equipment.....	24	100.0	1.2	5.4	5.1	47.5	30.5	5.2	5.1	-

¹Code letter indicates a sampling variability range as follows: a, 0-9 percent; b, 10-19 percent; c, 20-29 percent; and d, 30-50 percent. The variability for ton-miles has not been estimated.

TABLE 3. Percent Distribution of Commodities, by Geographic Division of Destination: 1967

TCC code	Commodity	Number	Percent distribution by geographic division ¹ of destination										Sampling variability code ³
			All means of transport	New England	Middle Atlantic	East North Central	West North Central	South Atlantic	East South Central	West South Central	Mountain	Pacific ²	
	TONS OF SHIPMENTS	(thous. of tons)											
	Alabama, total.....	25,016	100.0	1.6	11.0	12.3	4.3	26.5	31.3	9.7	0.9	2.4	-
20	Food and kindred products.....	1,197	100.0	.7	8.2	7.5	1.7	38.8	38.6	3.3	-	1.2	d
201	Meat, poultry, and small game; fresh, chilled or frozen.....	263	100.0	.1	4.8	25.9	3.0	7.0	53.7	4.2	.1	1.2	d
22	Basic textiles.....	622	100.0	5.8	16.6	6.9	1.8	38.1	23.0	4.7	.4	2.7	c
221	Cotton broadwoven fabrics.....	344	100.0	6.2	15.2	12.0	3.0	32.1	18.8	7.3	.7	4.7	d
2211	Cotton broadwoven fabrics.....	344	100.0	6.2	15.2	12.0	3.0	32.1	18.8	7.3	.7	4.7	d
228	Thread and yarn (cotton, wool, silk, and man-made fiber).....	167	100.0	6.1	20.2	.5	-	30.1	43.1	-	-	-	d
2281	Yarn.....	167	100.0	6.1	20.2	.5	-	30.1	43.1	-	-	-	d
23	Apparel, including knit apparel, and other finished textile products.....	150	100.0	2.1	15.0	14.3	6.5	14.0	33.8	4.1	3.3	6.9	d
24	Lumber and wood products, except furniture.....	1,503	100.0	-	7.4	16.3	2.2	26.2	46.6	1.3	-	-	d
26	Pulp, paper, and allied products.....	3,890	100.0	5.4	22.9	21.3	4.6	16.2	11.5	13.4	.6	4.1	c
261	Pulp and pulp mill products.....	642	100.0	.5	47.8	23.8	-	4.5	15.4	8.0	-	-	c
2611	Pulp and pulp mill products.....	642	100.0	.5	47.8	23.8	-	4.5	15.4	8.0	-	-	c
262	Paper (except building paper).....	1,371	100.0	5.0	17.5	19.6	7.4	20.1	14.1	12.5	1.0	2.8	b
2621	Paper (except building paper).....	1,371	100.0	5.0	17.5	19.6	7.4	20.1	14.1	12.5	1.0	2.8	b
263	Paperboard, fiberboard, and pulpboard (except insulating board).....	1,230	100.0	9.3	19.2	25.5	3.3	14.9	3.7	13.9	.6	9.6	d
2631	Paperboard, fiberboard, and pulpboard (except insulating board).....	1,230	100.0	9.3	19.2	25.5	3.3	14.9	3.7	13.9	.6	9.6	d
28	Chemicals and allied products.....	2,596	100.0	2.4	2.5	18.6	12.3	15.5	30.1	17.0	.5	1.1	d
282	Plastic materials and plasticizers, synthetic resins, rubbers, and fibers..	118	100.0	.2	8.7	3.6	2.8	57.0	13.5	14.0	-	.2	d
2821	Plastic materials and plasticizers, synthetic resins, rubbers, and fibers..	118	100.0	.2	8.7	3.6	2.8	57.0	13.5	14.0	-	.2	d
30	Rubber and miscellaneous plastics products.....	346	100.0	1.3	7.2	36.5	13.2	18.3	14.4	4.5	1.5	3.1	c
301	Tires and inner tubes.....	298	100.0	.3	4.9	39.1	13.1	19.0	16.6	4.0	1.4	1.6	c
3011	Tires and inner tubes.....	298	100.0	.3	4.9	39.1	13.1	19.0	16.6	4.0	1.4	1.6	c
33	Primary metal products.....	8,674	100.0	.7	15.6	12.6	4.3	13.5	35.7	12.3	1.7	3.6	d
332	Iron and steel castings.....	2,642	100.0	1.6	5.2	21.6	10.5	19.9	24.2	14.6	1.0	1.4	b
3321	Iron and steel castings.....	2,642	100.0	1.6	5.2	21.6	10.5	19.9	24.2	14.6	1.0	1.4	b
335	Nonferrous metal basic shapes.....	377	100.0	4.1	14.9	33.7	7.7	18.1	7.4	5.6	-	8.5	c
34	Fabricated metal products.....	868	100.0	.2	1.5	7.6	2.0	28.9	47.0	9.3	.8	2.7	d
37	Transportation equipment.....	64	100.0	.1	3.3	3.8	5.7	12.2	62.6	10.9	.4	1.0	d

See footnotes at end of table.

TABLE 3. Percent Distribution of Commodities, by Geographic Division of Destination: 1967--Continued

TCC code	Commodity	Number	Percent distribution by geographic division ¹ of destination										Sampling variability code ³
			All means of transport	New England	Middle Atlantic	East North Central	West North Central	South Atlantic	East South Central	West South Central	Mountain	Pacific ²	
	TON-MILES OF SHIPMENT	(millions of ton-miles)											
	Alabama, total.....	10,753	100.0	4.2	21.7	16.3	6.2	19.6	9.3	10.0	2.1	10.6	-
20	Food and kindred products.....	348	100.0	2.6	23.7	14.1	3.6	27.8	15.9	4.2	.1	8.0	-
201	Meat, poultry, and small game; fresh, chilled or frozen.....	74	100.0	.2	11.6	48.7	5.4	3.9	19.0	2.7	.4	8.1	-
22	Basic textiles.....	328	100.0	10.8	25.8	7.9	2.4	24.3	11.2	6.1	.9	10.6	-
221	Cotton broadwoven fabrics.....	206	100.0	10.2	20.9	12.0	3.6	19.9	7.0	8.5	1.4	16.5	-
2211	Cotton broadwoven fabrics.....	206	100.0	10.2	20.9	12.0	3.6	19.9	7.0	8.5	1.4	16.5	-
228	Thread and yarn (cotton, wool, silk, and man-made fiber).....	72	100.0	14.2	36.7	.6	-	19.4	29.1	-	-	-	-
2281	Yarn.....	72	100.0	14.2	36.7	.6	-	19.4	29.1	-	-	-	-
23	Apparel, including knit apparel, and other finished textile products.....	90	100.0	3.9	21.9	14.8	8.2	9.2	6.9	3.7	8.2	23.2	-
24	Lumber and wood products, except furniture.....	443	100.0	-	19.7	30.1	4.1	26.3	18.3	1.2	-	.3	-
26	Pulp, paper, and allied products.....	2,779	100.0	8.9	31.0	21.9	4.3	10.5	3.7	8.1	1.2	10.4	-
261	Pulp and pulp mill products.....	475	100.0	.6	63.8	25.0	-	3.8	3.4	3.4	-	-	-
2611	Pulp and pulp mill products.....	475	100.0	.6	63.8	25.0	-	3.8	3.4	3.4	-	-	-
262	Paper (except building paper).....	914	100.0	9.0	25.6	21.0	7.6	14.0	5.5	7.7	2.0	7.6	-
2621	Paper (except building paper).....	914	100.0	9.0	25.6	21.0	7.6	14.0	5.5	7.7	2.0	7.6	-
263	Paperboard, fiberboard, and pulpboard (except insulating board).....	1,017	100.0	13.4	21.9	22.8	2.9	7.7	1.2	7.8	.9	21.4	-
2631	Paperboard, fiberboard, and pulpboard (except insulating board).....	1,017	100.0	13.4	21.9	22.8	2.9	7.7	1.2	7.8	.9	21.4	-
28	Chemicals and allied products.....	1,016	100.0	7.2	5.4	20.9	17.7	14.0	13.0	15.1	1.1	5.6	-
282	Plastic materials and plasticizers, synthetic resins, rubbers, and fibers..	49	100.0	.4	19.6	4.9	5.3	53.5	3.2	12.1	-	1.0	-
2821	Plastic materials and plasticizers, synthetic resins, rubbers, and fibers..	49	100.0	.4	19.6	4.9	5.3	53.5	3.2	12.1	-	1.0	-
30	Rubber and miscellaneous plastics products.....	191	100.0	2.4	11.0	36.8	15.8	10.0	6.2	4.4	3.2	10.2	-
301	Tires and inner tubes	152	100.0	.7	8.4	43.1	16.5	10.6	7.7	4.3	3.0	5.7	-
3011	Tires and inner tubes.....	152	100.0	.7	8.4	43.1	16.5	10.6	7.7	4.3	3.0	5.7	-
33	Primary metal products.....	3,956	100.0	1.5	26.9	14.3	5.7	10.4	8.4	12.9	3.8	16.1	-
332	Iron and steel castings.....	1,265	100.0	3.5	9.0	24.4	13.7	16.0	7.1	15.8	2.4	8.1	-
3321	Iron and steel castings.....	1,265	100.0	3.5	9.0	24.4	13.7	16.0	7.1	15.8	2.4	8.1	-
335	Nonferrous metal basic shapes.....	243	100.0	6.3	19.0	22.9	6.7	14.6	1.8	4.6	-	24.1	-
34	Fabricated metal products.....	274	100.0	.6	4.0	13.4	3.6	24.1	25.4	10.8	2.9	15.2	-
37	Transportation equipment.....	24	100.0	.4	6.7	5.7	10.1	12.8	45.5	12.6	1.1	5.1	-

¹For States included in the geographic divisions, see map on inside cover.

²Shipments to Alaska and Hawaii from the 48 conterminous States and the District of Columbia are included; no data were obtained for shipments originating in Alaska and Hawaii.

³Code letter indicates a sampling variability range as follows: a, 0-9 percent; b, 10-19 percent; c, 20-29 percent; and d, 30-50 percent. The variability for ton-miles has not been estimated.

CALIFORNIA

SUMMARY

The estimates of tons and ton-miles are based on reports from a sample of manufacturing establishments located in the State of California. The total tons and ton-miles represent the total intercity shipments by essentially all manufacturing establishments in the State, except for plants with less than 20 employees. However, since the data are based on a sample, the estimates necessarily are subject to "sampling variability."

The approximate degree of sampling variability for tons for each commodity or commodity class is indicated in the last column of tables 1 to 3. In general, most of the commodity data in this report are subject to substantial sampling variability and should be treated as approximate rather than precise measures.

Motor carrier is the dominant means of transport, accounting for slightly over 31 percent of

the total tons shipped. When measured in terms of ton-miles rather than tons, rail becomes the dominant means of transport accounting for 54.3 percent of the total ton-miles.

As shown in tables A and B, petroleum and coal products have a marked influence on the distribution of shipments as a result of their large volume and unusual traffic pattern. Consequently, two totals are shown: (1) All commodities combined, and (2) the total exclusive of petroleum and coal products. The influence of these products is most evident in connection with shipments by water, as measured by both tons and ton-miles.

As shown in table C, almost 88 percent of the total tons shipped by plants in California remained in the West. However, for some commodity groups (such as Instruments, Photographic Goods, etc., Miscellaneous Products of Manufacturing, and Machinery) a more widespread distribution is indicated.

Table A. PERCENT DISTRIBUTION OF SHIPMENTS, AND AVERAGE LENGTH OF HAUL, BY MEANS OF TRANSPORT

Means of transport	Tons	Ton-miles	Average length of haul
	(thou-sands)	(millions)	(miles)
All commodities.....	99,909	47,148	-
All commodities except petroleum and coal products.....	65,705	35,894	-
ALL COMMODITIES			
Percent distribu-tion			
All means of transport.....	100.0	100.0	472
Rail.....	24.8	54.3	1,033
Motor carrier.....	31.4	15.9	239
Private truck.....	17.7	5.3	141
Air.....	.1	.3	-
Water.....	25.8	24.0	-
All other.....	.2	.2	-
ALL COMMODITIES EXCEPT PETROLEUM AND COAL PRODUCTS			
All means of transport.....	100.0	100.0	546
Rail.....	35.4	69.4	1,073
Motor carrier.....	40.8	19.2	256
Private carrier.....	21.1	6.1	158
Air.....	.2	.4	-
Water.....	2.2	4.6	-
All other.....	.3	.3	-

Note: Average length of haul is based on straight-line miles from plant to customer or primary redistribution point, weighted by tonnage shipped (i.e., ton-miles divided by tons). Rail short-line and highway direct-route distances average about 24 and 21 percent, respectively, longer than straight-line distances.

Table B. PERCENT DISTRIBUTION OF SHIPMENTS BY DISTANCE OF SHIPMENT

Distance shipped	Tons	Ton-miles
ALL COMMODITIES		
All distances.....	100.0	100.0
Under 100 miles.....	45.0	3.5
100 to 199 miles.....	8.4	2.5
200 to 299 miles.....	3.8	2.0
300 to 499 miles.....	14.2	10.8
500 to 999 miles.....	12.9	19.6
1,000 to 1,499 miles.....	4.5	11.3
1,500 miles and over.....	11.2	50.3
ALL COMMODITIES EXCEPT PETROLEUM AND COAL PRODUCTS		
All distances.....	100.0	100.0
Under 100 miles.....	39.9	3.2
100 to 199 miles.....	10.2	2.6
200 to 299 miles.....	4.9	2.3
300 to 499 miles.....	15.6	10.4
500 to 999 miles.....	10.2	13.1
1,000 to 1,499 miles.....	3.4	8.4
1,500 miles and over.....	15.8	60.0

Table C. PERCENT DISTRIBUTION OF TONS OF COMMODITIES BY REGION OF DESTINATION

TCC code	Commodity class	Tons (thousands)	Percent distribution by region ¹ of destination				
			All des-tinations	North-east	North Central	South	West
	Total	² 99,909	100.0	3.1	5.0	4.3	87.6
20	Food and kindred products.....	23,071	100.0	9.2	12.9	8.2	69.7
24	Lumber and wood products, except furniture.....	8,913	100.0	5.5	10.8	11.8	71.9
25	Furniture and fixtures.....	246	100.0	1.6	5.5	5.1	87.8
26	Pulp, paper, and allied products.....	2,568	100.0	.4	2.0	2.1	95.5
28	Chemicals and allied products.....	8,178	100.0	1.2	2.3	1.4	95.1
29	Petroleum and coal products.....	34,204	100.0	-	.2	.2	99.6
30	Rubber and miscellaneous plastics products.....	727	100.0	2.1	10.8	13.1	74.0
32	Stone, clay, and glass products.....	11,073	100.0	.1	1.1	.8	98.0
33	Primary metal products.....	4,440	100.0	1.7	3.8	3.6	90.9
34	Fabricated metal products.....	2,868	100.0	1.0	3.3	12.5	83.2
35	Machinery, except electrical.....	771	100.0	6.8	18.0	11.2	64.0
36	Electrical machinery and equipment.....	393	100.0	9.6	12.1	20.5	57.8
37	Transportation equipment.....	1,351	100.0	.9	3.6	13.7	81.8
38	Instruments, photographic goods, optical goods, watches, and clocks.....	26	100.0	23.6	24.1	29.9	22.4
39	Miscellaneous products of manufacturing.....	142	100.0	20.2	15.0	12.0	52.8

¹See map on inside cover for areas included in the regions of the United States.

²Total includes commodities not shown separately.

TABLE 1. Percent Distribution of Commodities, by Means of Transport: 1967

TCC code	Commodity	Number	Percent distribution by means of transport								Sampling variability code ¹
			All means of transport	Rail	Motor carrier	Private truck	Air	Water	Other	Unknown	
	TONS OF SHIPMENTS	(thousands of tons)									
	California, total.....	99,909	100.0	24.8	31.4	17.7	0.1	25.8	0.1	0.1	-
20	Food and kindred products.....	23,071	100.0	47.1	32.2	17.7	-	2.9	-	.1	b
201	Meat, poultry, and small game; fresh, chilled or frozen.....	1,101	100.0	12.7	32.8	53.9	-	.6	-	-	b
2011	Meat, fresh or chilled, not salted....	460	100.0	2.7	10.4	86.8	-	-	-	.1	d
2013	Meat products.....	162	100.0	3.3	50.6	45.7	-	.4	-	-	c
2014	Animal byproducts, inedible.....	150	100.0	9.5	45.1	43.2	-	2.2	-	-	d
203	Canned and preserved fruits, vegetables, and seafoods.....	9,540	100.0	68.6	17.3	11.6	-	2.2	-	.3	b
2033	Canned fruits and vegetables.....	6,484	100.0	73.9	9.9	13.4	-	2.4	-	.4	c
2037	Frozen fruits, vegetables, fruit juices, and specialties.....	689	100.0	46.6	46.9	6.5	-	-	-	-	d
204	Grain mill products.....	3,368	100.0	36.4	35.6	15.5	-	12.4	.1	-	d
207	Confectionery and related products....	182	100.0	6.4	83.7	9.0	.1	.8	-	-	d
2071	Confectionery and related products....	182	100.0	6.4	83.7	9.0	.1	.8	-	-	d
208	Beverages and flavoring extracts.....	3,318	100.0	33.6	31.7	33.8	.1	.7	-	.1	b
2082	Malt liquors.....	1,395	100.0	34.3	35.3	29.2	-	1.0	-	.2	b
2084	Wines, brandy, and brandy spirits....	943	100.0	66.1	28.8	3.9	.5	.7	-	-	c
2086	Bottled and canned soft drinks and carbonated, mineral, and plain waters	679	100.0	.7	2.5	96.8	-	-	-	-	d
209	Miscellaneous food preparations and kindred products.....	3,316	100.0	22.0	68.3	9.2	-	.5	-	-	d
2093	Vegetable and nut oils and byproducts (except cottonseed and soybean).....	43	100.0	43.2	27.7	29.1	-	-	-	-	d
233	Women's, misses', girls', and infants' clothing.....	16	100.0	24.2	22.8	9.8	34.1	.3	8.8	-	c
2331	Women's, misses', girls', and infants' clothing.....	16	100.0	24.2	22.8	9.8	34.1	.3	8.8	-	c
24	Lumber and wood products, except furniture.....	8,913	100.0	54.5	11.7	26.9	-	6.6	-	.3	d
242	Lumber and dimension stock and miscellaneous sawmill and planing mill products.....	7,745	100.0	51.8	12.2	28.4	-	7.3	-	.3	d
2421	Lumber and dimension stock.....	7,745	100.0	51.8	12.2	28.4	-	7.3	-	.3	d
243	Millwork and prefabricated wood products, including plywood and veneer...	793	100.0	81.9	8.1	9.6	-	.4	-	-	d
2499	Wood products, n.e.c.....	95	100.0	65.8	12.4	7.8	-	14.0	-	-	d
25	Furniture and fixtures.....	246	100.0	6.8	55.4	36.6	.2	.2	.5	.3	b
251	Household and office furniture.....	228	100.0	7.4	54.2	37.6	-	.2	.3	.3	b
2513	Couches, davenports, love seats, sofas, and settees.....	51	100.0	-	58.1	40.9	-	.8	-	.2	d
2516	Dressers, vanities, chests of drawers, and beds (except hospital beds).....	20	100.0	7.5	50.9	41.2	-	-	-	.4	d
26	Pulp, paper, and allied products.....	2,568	100.0	26.2	50.7	22.3	-	.6	.1	.1	b
263	Paperboard, fiberboard, and pulpboard (except insulating board).....	507	100.0	47.0	38.4	14.1	-	.5	-	-	c
2631	Paperboard, fiberboard, and pulpboard (except insulating board).....	507	100.0	47.0	38.4	14.1	-	.5	-	-	c
264	Converted paper and paperboard products (except containers and boxes)...	660	100.0	30.8	54.3	14.5	-	.3	.1	-	d
2649	Miscellaneous converted paper products and paperboard products.....	124	100.0	42.8	52.6	3.5	-	1.0	.1	-	d
265	Containers, boxes and related products, paperboard, fiberboard, and pulpboard.....	1,169	100.0	13.6	54.7	30.6	-	.9	.1	.1	c
2651	Containers, boxes, baskets, pallets and skids, paperboard, fiberboard, and pulpboard.....	956	100.0	10.2	52.6	36.6	-	.5	-	.1	c
2654	Sanitary food containers.....	213	100.0	28.7	64.3	3.8	-	2.7	.5	-	d

See footnote at end of table.

TABLE 1. Percent Distribution of Commodities, by Means of Transport: 1967--Continued

TCC code	Commodity	Number	Percent distribution by means of transport								Sampling variability code ¹
			All means of transport	Rail	Motor carrier	Private truck	Air	Water	Other	Unknown	
	TONS OF SHIPMENTS--Continued	(thousands of tons)									
28	Chemicals and allied products.....	8,178	100.0	22.0	60.5	16.9	-	0.5	-	0.1	c
281	Industrial chemicals.....	4,367	100.0	22.5	60.7	16.3	-	.3	-	.2	d
2813	Industrial gases, compressed and liquefied.....	466	100.0	2.4	9.4	88.0	-	.1	-	.1	d
2818	Miscellaneous industrial organic chemicals.....	288	100.0	49.6	39.9	6.1	-	4.4	-	-	c
2819	Miscellaneous industrial inorganic chemicals.....	1,797	100.0	21.6	67.9	10.1	-	-	-	.4	d
282	Plastic materials and plasticizers, synthetic resins, rubbers, and fibers	515	100.0	24.7	66.9	8.0	0.1	-	0.3	-	d
2821	Plastic materials and plasticizers, synthetic resins, rubbers, and fibers	515	100.0	24.7	66.9	8.0	.1	-	.3	-	d
283	Drugs (biological products, medicinal chemicals, botanical products, and pharmaceutical preparations).....	88	100.0	-	96.3	2.0	1.1	.1	.5	-	c
2831	Drugs (biological products, medicinal chemicals, botanical products, and pharmaceutical preparations).....	88	100.0	-	96.3	2.0	1.1	.1	.5	-	c
284	Soap and detergents, cleaning preparations, perfumes, cosmetics, and other toilet preparations.....	1,249	100.0	19.9	61.6	17.2	-	1.2	.1	-	c
2841	Soap and other detergents (except specialty cleansers).....	902	100.0	22.5	54.9	22.1	-	.5	-	-	c
2844	Perfumes, cosmetics, and other toilet preparations.....	79	100.0	6.5	92.5	.2	.1	.3	.4	-	d
285	Paints, varnishes, lacquers, enamels, and allied products.....	352	100.0	.7	82.8	15.6	.1	.4	.1	.3	b
2851	Paints, varnishes, lacquers, enamels, and allied products.....	352	100.0	.7	82.8	15.6	.1	.4	.1	.3	b
289	Miscellaneous chemical products.....	1,389	100.0	31.3	43.9	24.0	-	.6	-	.2	d
29	Petroleum and coal products.....	34,204	100.0	4.5	13.2	11.2	-	71.1	-	-	c
291	Products of petroleum refining.....	30,312	100.0	4.5	12.0	10.7	-	72.8	-	-	c
2911	Products of petroleum refining (except liquefied petroleum gases and petroleum coke and breeze).....	29,848	100.0	4.3	11.7	10.0	-	74.0	-	-	c
2912	Liquefied petroleum and coal gases....	463	100.0	16.3	31.7	52.0	-	-	-	-	b
295	Paving and roofing materials.....	1,642	100.0	10.0	51.8	37.0	-	1.1	-	.1	b
2951	Paving mixtures and blocks.....	618	100.0	-	49.7	50.2	-	-	.1	-	c
2952	Asphalt felt and coatings.....	1,024	100.0	16.0	53.2	29.0	-	1.7	-	.1	c
30	Rubber and miscellaneous plastics products.....	727	100.0	36.6	47.9	14.0	.6	.2	.6	.1	b
301	Tires and inner tubes.....	364	100.0	50.7	44.3	4.6	-	-	.2	.2	c
3011	Tires and inner tubes.....	364	100.0	50.7	44.3	4.6	-	-	.2	.2	c
306	Miscellaneous fabricated rubber products.....	53	100.0	20.2	48.3	27.9	.1	2.3	1.2	-	d
3061	Miscellaneous fabricated rubber products.....	53	100.0	20.2	48.3	27.9	.1	2.3	1.2	-	d
307	Miscellaneous plastic products.....	280	100.0	15.8	56.9	24.8	1.5	.1	.8	.1	c
3071	Miscellaneous plastic products.....	280	100.0	15.8	56.9	24.8	1.5	.1	.8	.1	c
32	Stone, clay, and glass products.....	11,073	100.0	14.8	48.9	35.7	-	.5	-	.1	b
322	Glass and glassware, pressed and blown	1,046	100.0	7.4	69.7	22.4	-	.5	-	-	b
3221	Glass containers, caps and covers.....	1,014	100.0	7.6	68.8	23.1	-	.5	-	-	b
324	Hydraulic cement.....	6,231	100.0	13.4	53.5	32.6	-	.4	-	.1	c
3241	Hydraulic cement.....	6,231	100.0	13.4	53.5	32.6	-	.4	-	.1	c
325	Structural clay products.....	626	100.0	3.6	43.4	52.5	-	.5	-	-	b
3251	Brick and structural clay tile.....	274	100.0	6.0	36.6	57.4	-	-	-	-	b
3253	Ceramic wall and floor tile.....	49	100.0	4.3	25.7	64.0	.1	5.0	-	-	b

See footnote at end of table.

TABLE 1. Percent Distribution of Commodities, by Means of Transport: 1967--Continued

TCC code	Commodity	Number	Percent distribution by means of transport								Sampling variability code ¹
			All means of transport	Rail	Motor carrier	Private truck	Air	Water	Other	Unknown	
	TONS OF SHIPMENTS--Continued	(thousands of tons)									
326	Pottery and related products.....	47	100.0	21.2	73.7	2.6	0.1	0.9	1.5	-	d
3269	Miscellaneous pottery products.....	15	100.0	-	96.4	.1	-	.4	3.1	-	d
327	Concrete, gypsum, plaster, and plaster products.....	2,359	100.0	16.6	31.7	50.6	-	1.0	-	0.1	c
3271	Concrete products.....	1,763	100.0	1.9	30.3	67.0	-	.7	-	.1	d
3275	Gypsum products.....	596	100.0	59.9	35.9	2.2	-	2.0	-	-	d
329	Abrasives, asbestos, and miscellaneous nonmetallic mineral products.....	565	100.0	48.2	48.6	2.7	-	-	.5	-	d
3293	Steam and other packing and pipe and boiler covering.....	1	100.0	.7	86.6	.6	4.1	-	8.0	-	d
33	Primary metal products.....	4,440	100.0	32.2	58.8	8.1	-	.9	-	-	b
331	Steel works and rolling mill products.....	3,377	100.0	31.1	62.6	6.3	-	-	-	-	b
3312	Primary iron and steel products (except coke-oven products).....	3,197	100.0	31.1	62.8	6.1	-	-	-	-	b
335	Nonferrous metal basic shapes.....	334	100.0	25.2	51.0	23.1	-	.5	.2	-	c
3352	Aluminum and aluminum base alloy basic shapes (except aluminum foil).....	120	100.0	13.8	65.9	19.4	.1	.3	.5	-	b
3357	Nonferrous wire (including insulated wire).....	167	100.0	33.3	39.9	26.1	-	.6	.1	-	d
336	Nonferrous and nonferrous base alloy castings.....	18	100.0	9.8	57.2	29.6	3.1	-	.3	-	d
3361	Aluminum and aluminum base alloy castings.....	12	100.0	8.2	76.3	10.7	4.5	-	.3	-	d
3391	Iron and steel forgings.....	20	100.0	7.3	82.1	9.2	.6	-	.1	.7	d
3392	Nonferrous forgings.....	17	100.0	17.1	76.8	5.1	1.0	-	-	-	c
34	Fabricated metal products.....	2,868	100.0	25.8	52.3	21.3	.1	.3	.1	.1	b
341	Metal cans.....	589	100.0	10.8	51.2	37.6	-	.4	-	-	b
3411	Metal cans.....	589	100.0	10.8	51.2	37.6	-	.4	-	-	b
3429	Miscellaneous hardware.....	1	100.0	.4	96.2	.3	.5	1.6	1.0	-	d
343	Plumbing fixtures and heating apparatus (except electric).....	107	100.0	3.6	74.7	20.5	-	-	.6	.6	d
344	Structural and miscellaneous metal products.....	926	100.0	10.9	66.3	22.4	-	.3	-	.1	c
3441	Structural metal products.....	478	100.0	14.4	81.7	3.8	-	-	-	.1	c
3443	Fabricated plate products (boiler shop products).....	67	100.0	8.0	62.8	28.9	-	-	.2	.1	d
3449	Miscellaneous metal work.....	232	100.0	11.2	47.9	40.4	-	.5	-	-	d
346	Metal stampings.....	77	100.0	4.2	79.5	15.6	.6	-	.1	-	b
3461	Metal stampings.....	77	100.0	4.2	79.5	15.6	.6	-	.1	-	b
348	Miscellaneous fabricated wire products	102	100.0	51.7	35.0	13.1	-	.2	-	-	d
3481	Miscellaneous fabricated wire products	102	100.0	51.7	35.0	13.1	-	.2	-	-	d
349	Miscellaneous fabricated metal products.....	662	100.0	60.1	28.1	11.5	.1	.1	.1	-	c
3494	Valves and pipe fittings (except plumbers' brass goods and fittings).....	576	100.0	62.4	27.7	9.8	-	.1	-	-	c
3499	Fabricated metal products, n.e.c.....	76	100.0	42.6	31.3	25.0	.6	-	.5	-	d
35	Machinery, except electrical.....	771	100.0	.7	80.2	16.3	1.0	.9	.9	-	d
351	Engines and turbines.....	8	100.0	-	97.6	-	2.2	-	.2	-	c
3519	Miscellaneous internal combustion engines.....	8	100.0	-	97.6	-	2.2	-	.2	-	c
353	Construction, mining, and materials handling machinery and equipment.....	140	100.0	.9	88.0	5.6	.2	5.1	.2	-	d
3531	Construction machinery and equipment.....	13	100.0	.5	81.4	6.9	.5	9.3	1.4	-	b
3533	Oil field machinery and equipment.....	41	100.0	-	97.1	-	.3	2.6	-	-	d
3544	Special dies and tools, die sets, jigs, fixtures, and industrial molds and patterns.....	4	100.0	-	77.3	17.4	5.2	-	.1	-	d
356	General industrial machinery and equipment.....	118	100.0	-	51.7	44.7	2.5	-	1.0	.1	d

See footnote at end of table.

TABLE 1. Percent Distribution of Commodities, by Means of Transport: 1967--Continued

TCC code	Commodity	Number	Percent distribution by means of transport								Sampling vari- ability code ¹
			All means of transport	Rail	Motor carrier	Pri- vate truck	Air	Water	Other	Un- known	
	TONS OF SHIPMENTS--Continued	(thousands of tons)									
357	Office, computing, and accounting machines.....	49	100.0	1.4	93.1	-	5.4	-	0.1	-	c
359	Miscellaneous machinery and parts (except electrical).....	25	100.0	2.4	91.9	3.9	1.1	0.2	.4	0.1	d
3599	Miscellaneous machinery and parts (except electrical).....	25	100.0	2.4	91.9	3.9	1.1	.2	.4	.1	d
36	Electrical machinery and equipment....	393	100.0	8.4	68.6	14.4	4.3	1.3	2.8	.2	b
3611	Electrical measuring instruments and test equipment.....	5	100.0	2.7	70.9	.4	22.6	-	3.4	-	d
362	Electrical industrial apparatus.....	38	100.0	2.0	62.3	31.9	1.0	.8	2.0	-	b
363	Household appliances.....	101	100.0	27.2	48.7	21.8	-	1.1	.4	.8	i
364	Electric lighting and wiring equipment	64	100.0	2.3	93.7	.6	.3	2.0	1.0	.1	d
3642	Lighting fixtures.....	46	100.0	.6	95.2	.7	.2	2.7	.4	.2	d
365	Radio and television receiving sets (except communication types), phono- graphs, and phonograph records.....	40	100.0	4.2	68.1	5.9	2.3	1.8	17.7	-	b
3651	Radio and television receiving sets (except communication types), and phonographs.....	25	100.0	6.7	77.0	9.4	3.3	2.8	.8	-	b
3652	Phonograph records, record blanks, and prerecorded tapes.....	15	100.0	-	52.5	-	.8	.1	46.6	-	d
366	Communication equipment.....	8	100.0	17.6	53.2	1.7	14.7	4.3	8.4	.1	c
3662	Radio and television transmitting, signaling, and detection equipment and apparatus.....	2	100.0	.8	57.9	5.0	25.1	-	11.2	-	c
367	Electronic components or accessories..	74	100.0	-	78.8	1.9	16.6	1.5	1.2	-	d
3679	Miscellaneous electronic components and accessories.....	65	100.0	-	81.9	2.1	14.3	.5	1.2	-	d
37	Transportation equipment.....	1,351	100.0	50.7	45.5	1.6	.6	1.2	.3	.1	a
371	Motor vehicles and motor vehicle equipment.....	1,095	100.0	56.9	40.9	.2	.1	1.5	.2	.2	a
3714	Motor vehicle parts and accessories...	17	100.0	11.8	79.9	2.3	4.2	1.3	.5	-	d
379	Miscellaneous transportation equip- ment.....	52	100.0	6.9	64.4	28.6	-	-	.1	-	d
38	Instruments, photographic goods, opti- cal goods, watches, and clocks.....	26	100.0	11.5	64.9	1.1	15.5	1.0	5.9	.1	c
382	Measuring, controlling, and indicating instruments.....	11	100.0	2.8	75.2	.5	12.2	-	9.1	.2	b
3822	Automatic temperature controls.....	9	100.0	3.4	76.3	.1	10.5	-	9.7	-	b
39	Miscellaneous products of manufactur- ing.....	142	100.0	33.9	54.1	5.1	.3	1.3	3.3	2.0	b
399	Miscellaneous manufactured products...	48	100.0	-	82.6	9.6	.4	-	1.5	5.9	d

See footnote at end of table.

TABLE 1. Percent Distribution of Commodities, by Means of Transport: 1967--Continued

TCC code	Commodity	Number	Percent distribution by means of transport								Sampling variability code ¹
			All means of transport	Rail	Motor carrier	Private truck	Air	Water	Other	Unknown	
	TON-MILES OF SHIPMENTS	(millions of ton-miles)									
	California, total.....	47,148	100.0	54.3	15.9	5.3	0.3	24.0	0.1	0.1	-
20	Food and kindred products.....	17,299	100.0	81.1	11.8	3.7	-	3.2	-	.2	-
201	Meat, poultry, and small game; fresh, chilled or frozen.....	498	100.0	53.9	35.6	9.0	-	1.5	-	-	-
2011	Meat, fresh or chilled, not salted....	99	100.0	24.0	41.8	34.2	-	-	-	-	-
2013	Meat products.....	41	100.0	10.4	73.5	12.2	-	3.9	-	-	-
2014	Animal byproducts, inedible.....	34	100.0	61.8	27.0	11.0	-	.2	-	-	-
203	Canned and preserved fruits, vegetables, and seafoods.....	11,584	100.0	86.5	7.0	3.0	-	3.2	-	.3	-
2033	Canned fruits and vegetables.....	8,238	100.0	89.9	3.1	3.4	-	3.1	-	.5	-
2037	Frozen fruits, vegetables, fruit juices, and specialties.....	750	100.0	74.4	22.1	3.4	-	.1	-	-	-
204	Grain mill products.....	1,004	100.0	69.9	18.9	3.7	-	7.5	-	-	-
207	Confectionery and related products....	94	100.0	7.2	85.4	2.9	.3	4.2	-	-	-
2071	Confectionery and related products....	94	100.0	7.2	85.4	2.9	.3	4.2	-	-	-
208	Beverages and flavoring extracts.....	1,768	100.0	78.1	13.2	5.3	.5	2.9	-	-	-
2082	Malt liquors.....	506	100.0	65.8	15.9	12.5	-	5.7	-	.1	-
2084	Wines, brandy, and brandy spirits.....	1,138	100.0	91.4	5.7	.8	.7	1.4	-	-	-
2086	Bottled and canned soft drinks and carbonated, mineral, and plain waters	25	100.0	18.5	4.4	75.2	-	1.9	-	-	-
209	Miscellaneous food preparations and kindred products.....	1,285	100.0	56.4	37.1	2.9	-	3.6	-	-	-
2093	Vegetable and nut oils and byproducts (except cottonseed and soybean).....	40	100.0	82.9	2.3	14.8	-	-	-	-	-
233	Women's, misses', girls', and infants' clothing.....	22	100.0	33.0	8.7	.4	48.1	.5	9.3	-	-
2331	Women's, misses', girls', and infants' clothing.....	22	100.0	33.0	8.7	.4	48.1	.5	9.3	-	-
24	Lumber and wood products, except furniture.....	7,473	100.0	81.3	3.6	8.0	-	7.0	-	.1	-
242	Lumber and dimension stock and miscellaneous sawmill and planing mill products.....	6,100	100.0	78.3	4.0	9.4	-	8.1	-	.2	-
2421	Lumber and dimension stock.....	6,100	100.0	78.3	4.0	9.4	-	8.1	-	.2	-
243	Millwork and prefabricated wood products, including plywood and veneer...	1,112	100.0	95.7	2.2	1.5	-	.6	-	-	-
2499	Wood products, n.e.c.....	123	100.0	96.9	.7	.5	-	1.9	-	-	-
25	Furniture and fixtures.....	101	100.0	28.7	59.2	8.5	.7	1.4	1.1	.4	-
251	Household and office furniture.....	91	100.0	31.6	57.1	9.1	.1	1.5	.1	.5	-
2513	Couches, davenports, love seats, sofas, and settees.....	15	100.0	-	69.3	22.2	-	7.2	-	1.3	-
2516	Dressers, vanities, chests of drawers, and beds (except hospital beds).....	6	100.0	34.9	40.2	24.6	-	.3	-	-	-
26	Pulp, paper, and allied products.....	812	100.0	49.8	36.0	9.2	.1	4.7	.2	-	-
263	Paperboard, fiberboard, and pulpboard (except insulating board).....	153	100.0	68.3	24.9	3.2	-	3.6	-	-	-
2631	Paperboard, fiberboard, and pulpboard (except insulating board).....	153	100.0	68.3	24.9	3.2	-	3.6	-	-	-
264	Converted paper and paperboard products (except containers and boxes)...	305	100.0	53.6	36.4	8.1	.1	1.4	.4	-	-
2649	Miscellaneous converted paper products and paperboard products.....	69	100.0	60.6	34.4	.2	-	4.6	.2	-	-
265	Containers, boxes and related products, paperboard, fiberboard, and pulpboard.....	283	100.0	34.1	41.6	14.3	-	9.7	.3	-	-
2651	Containers, boxes, baskets, pallets and skids, paperboard, fiberboard, and pulpboard.....	162	100.0	20.7	46.7	24.2	-	8.4	-	-	-
2654	Sanitary food containers.....	121	100.0	52.2	34.8	.9	-	11.5	.6	-	-

See footnote at end of table.

TABLE 1. Percent Distribution of Commodities, by Means of Transport: 1967--Continued

TCC code	Commodity	Number	Percent distribution by means of transport								Sampling variability code ¹
			All means of transport	Rail	Motor carrier	Private truck	Air	Water	Other	Unknown	
	TON-MILES OF SHIPMENTS--Continued	(millions of ton-miles)									
28	Chemicals and allied products.....	2,292	100.0	47.1	40.0	8.1	0.1	4.4	0.2	0.1	-
281	Industrial chemicals.....	915	100.0	53.9	30.9	11.3	-	3.9	-	-	-
2813	Industrial gases, compressed and liquefied.....	45	100.0	8.2	19.1	69.3	-	3.4	-	-	-
2818	Miscellaneous industrial organic chemicals.....	280	100.0	74.5	12.9	.7	-	11.9	-	-	-
2819	Miscellaneous industrial inorganic chemicals.....	279	100.0	43.5	41.0	15.2	-	.2	-	.1	-
282	Plastic materials and plasticizers, synthetic resins, rubbers, and fibers	277	100.0	67.5	29.5	1.9	.2	-	.9	-	-
2821	Plastic materials and plasticizers, synthetic resins, rubbers, and fibers	277	100.0	67.5	29.5	1.9	.2	-	.9	-	-
283	Drugs (biological products, medicinal chemicals, botanical products, and pharmaceutical preparations).....	33	100.0	-	91.7	.2	5.3	1.0	1.8	-	-
2831	Drugs (biological products, medicinal chemicals, botanical products, and pharmaceutical preparations).....	33	100.0	-	91.7	.2	5.3	1.0	1.8	-	-
284	Soap and detergents, cleaning preparations, perfumes, cosmetics, and other toilet preparations.....	511	100.0	35.4	50.6	5.7	-	8.2	.1	-	-
2841	Soap and other detergents (except specialty cleansers).....	325	100.0	45.1	43.0	8.6	-	3.3	-	-	-
2844	Perfumes, cosmetics, and other toilet preparations.....	58	100.0	15.4	82.6	.3	.2	1.1	.4	-	-
285	Paints, varnishes, lacquers, enamels, and allied products.....	128	100.0	1.7	92.0	1.9	.6	3.0	-	.8	-
2851	Paints, varnishes, lacquers, enamels, and allied products.....	128	100.0	1.7	92.0	1.9	.6	3.0	-	.8	-
289	Miscellaneous chemical products.....	390	100.0	55.2	28.2	11.5	-	5.0	-	.1	-
29	Petroleum and coal products.....	11,254	100.0	5.9	5.5	2.7	-	85.9	-	-	-
291	Products of petroleum refining.....	10,909	100.0	5.0	4.8	2.3	-	87.9	-	-	-
2911	Products of petroleum refining (except liquefied petroleum gases and petroleum coke and breeze).....	10,810	100.0	4.4	4.8	2.1	-	88.7	-	-	-
2912	Liquefied petroleum and coal gases....	99	100.0	71.7	9.0	19.3	-	-	-	-	-
295	Paving and roofing materials.....	285	100.0	31.2	32.6	20.1	-	16.1	-	-	-
2951	Paving mixtures and blocks.....	57	100.0	-	58.1	41.8	-	-	.1	-	-
2952	Asphalt felt and coatings.....	227	100.0	39.1	26.1	14.6	-	20.2	-	-	-
30	Rubber and miscellaneous plastics products.....	452	100.0	45.9	48.5	2.8	1.8	.8	.2	-	-
301	Tires and inner tubes.....	217	100.0	56.0	43.2	.7	-	-	.1	-	-
3011	Tires and inner tubes.....	217	100.0	56.0	43.2	.7	-	-	.1	-	-
306	Miscellaneous fabricated rubber products.....	45	100.0	27.3	61.9	2.8	.2	7.4	.4	-	-
3061	Miscellaneous fabricated rubber products.....	45	100.0	27.3	61.9	2.8	.2	7.4	.4	-	-
307	Miscellaneous plastic products.....	183	100.0	37.0	52.8	5.3	4.4	.2	.3	-	-
3071	Miscellaneous plastic products.....	183	100.0	37.0	52.8	5.3	4.4	.2	.3	-	-
32	Stone, clay, and glass products.....	1,592	100.0	37.5	40.8	17.8	-	3.7	.2	-	-
322	Glass and glassware, pressed and blown	213	100.0	25.8	61.4	7.0	-	5.8	-	-	-
3221	Glass containers, caps and covers.....	207	100.0	26.2	60.5	7.3	-	6.0	-	-	-
324	Hydraulic cement.....	513	100.0	23.2	47.7	28.9	-	.2	-	-	-
3241	Hydraulic cement.....	513	100.0	23.2	47.7	28.9	-	.2	-	-	-
325	Structural clay products.....	115	100.0	4.8	42.6	45.2	.1	7.3	-	-	-
3251	Brick and structural clay tile.....	30	100.0	4.0	44.5	50.8	-	.7	-	-	-
3253	Ceramic wall and floor tile.....	23	100.0	8.9	18.9	42.1	.7	29.4	-	-	-

See footnote at end of table.

TABLE 1. Percent Distribution of Commodities, by Means of Transport: 1967--Continued

TCC code	Commodity	Number	Percent distribution by means of transport								Sampling variability code ¹
			All means of transport	Rail	Motor carrier	Private truck	Air	Water	Other	Unknown	
	TON-MILES OF SHIPMENTS--Continued	(millions of ton-miles)									
326	Pottery and related products.....	45	100.0	19.9	74.7	0.3	0.1	2.5	2.5	-	-
3269	Miscellaneous pottery products.....	22	100.0	-	95.1	.1	-	.7	4.1	-	-
327	Concrete, gypsum, plaster, and plaster products.....	252	100.0	33.0	32.1	21.1	-	13.8	-	-	-
3271	Concrete products.....	131	100.0	6.7	48.9	39.4	-	4.9	-	0.1	-
3275	Gypsum products.....	121	100.0	61.2	13.9	1.3	.1	23.5	-	-	-
329	Abrasives, asbestos, and miscellaneous nonmetallic mineral products.....	428	100.0	72.3	25.0	2.3	-	.1	.3	-	-
3293	Steam and other packing and pipe and boiler covering.....	-	-	-	-	-	-	-	-	-	-
33	Primary metal products.....	1,777	100.0	52.6	37.9	3.9	.1	5.4	.1	-	-
331	Steel works and rolling mill products.	977	100.0	49.8	45.7	4.5	-	-	-	-	-
3312	Primary iron and steel products (except coke-oven products).....	918	100.0	49.8	45.9	4.3	-	-	-	-	-
335	Nonferrous metal basic shapes.....	223	100.0	41.8	46.5	9.2	.1	1.7	.7	-	-
3352	Aluminum and aluminum base alloy basic shapes (except aluminum foil).....	94	100.0	34.2	62.9	1.0	.1	.4	1.4	-	-
3357	Nonferrous wire (including insulated wire).....	104	100.0	45.0	33.8	18.3	-	2.8	.1	-	-
336	Nonferrous and nonferrous base alloy castings.....	17	100.0	20.4	66.8	6.6	6.1	-	.1	-	-
3361	Aluminum and aluminum base alloy castings.....	14	100.0	14.3	77.7	.3	7.6	-	.1	-	-
3391	Iron and steel forgings.....	19	100.0	18.7	79.1	1.5	.6	-	.1	-	-
3392	Nonferrous forgings.....	23	100.0	27.3	71.1	.1	1.5	-	-	-	-
34	Fabricated metal products.....	1,397	100.0	57.3	35.4	5.4	.4	1.1	.3	.1	-
341	Metal cans.....	101	100.0	38.4	39.8	20.1	.2	1.4	-	.1	-
3411	Metal cans.....	101	100.0	38.4	39.8	20.1	.2	1.4	-	.1	-
3429	Miscellaneous hardware.....	1	100.0	.6	94.1	.1	.9	3.0	1.3	-	-
343	Plumbing fixtures and heating apparatus (except electric).....	67	100.0	2.9	81.7	12.9	.1	.2	.8	1.4	-
344	Structural and miscellaneous metal products.....	253	100.0	26.5	58.0	11.4	.4	3.4	.2	.1	-
3441	Structural metal products.....	71	100.0	53.1	44.1	2.3	.3	.2	-	-	-
3443	Fabricated plate products (boiler shop products).....	23	100.0	20.2	67.4	10.6	.2	-	1.1	.5	-
3449	Miscellaneous metal work.....	70	100.0	35.6	45.8	14.5	-	4.1	-	-	-
346	Metal stampings.....	15	100.0	8.0	72.9	14.1	4.3	-	.7	-	-
3461	Metal stampings.....	15	100.0	8.0	72.9	14.1	4.3	-	.7	-	-
348	Miscellaneous fabricated wire products	57	100.0	78.5	16.7	3.9	-	.9	-	-	-
3481	Miscellaneous fabricated wire products	57	100.0	78.5	16.7	3.9	-	.9	-	-	-
349	Miscellaneous fabricated metal products.....	679	100.0	84.5	14.3	.9	.2	.1	-	-	-
3494	Valves and pipe fittings (except plumbers' brass goods and fittings)...	624	100.0	88.5	10.5	.9	-	.1	-	-	-
3499	Fabricated metal products, n.e.c.....	52	100.0	37.4	59.5	.9	1.6	-	.6	-	-
35	Machinery, except electrical.....	661	100.0	1.2	65.3	27.7	2.3	2.9	.6	-	-
351	Engines and turbines.....	14	100.0	-	97.6	-	2.3	-	.1	-	-
3519	Miscellaneous internal combustion engines.....	14	100.0	-	97.6	-	2.3	-	.1	-	-
353	Construction, mining, and materials handling machinery and equipment.....	102	100.0	1.6	77.4	1.3	.5	18.8	.4	-	-
3531	Construction machinery and equipment..	17	100.0	.5	77.5	.3	.7	19.5	1.5	-	-
3533	Oil field machinery and equipment.....	29	100.0	-	91.7	-	.5	7.8	-	-	-
3544	Special dies and tools, die sets, jigs, fixtures, and industrial molds and patterns.....	3	100.0	-	90.8	.4	8.7	-	.1	-	-
356	General industrial machinery and equipment.....	171	100.0	-	48.9	47.0	3.3	-	.7	.1	-

See footnote at end of table.

TABLE 1. Percent Distribution of Commodities, by Means of Transport: 1967--Continued

TCC code	Commodity	Number	Percent distribution by means of transport								Sampling variability code ¹
			All means of transport	Rail	Motor carrier	Private truck	Air	Water	Other	Unknown	
	TON-MILES OF SHIPMENTS--Continued	(millions of ton-miles)									
357	Office, computing, and accounting machines.....	91	100.0	1.7	92.3	-	6.0	-	-	-	-
359	Miscellaneous machinery and parts (except electrical).....	30	100.0	2.9	92.7	1.4	1.9	0.5	0.3	0.3	-
3599	Miscellaneous machinery and parts (except electrical).....	30	100.0	2.9	92.7	1.4	1.9	.5	.3	.3	-
36	Electrical machinery and equipment....	368	100.0	12.4	62.6	8.2	8.2	2.9	5.3	.4	-
3611	Electrical measuring instruments and test equipment.....	6	100.0	3.5	59.8	-	32.2	-	4.5	-	-
362	Electrical industrial apparatus.....	54	100.0	2.6	49.4	44.0	1.2	1.3	1.5	-	-
363	Household appliances.....	88	100.0	42.0	49.4	3.0	-	3.5	.3	1.8	-
364	Electric lighting and wiring equipment	58	100.0	4.3	86.9	-	.6	6.0	2.2	-	-
3642	Lighting fixtures.....	29	100.0	1.3	85.3	.1	.5	11.7	1.0	.1	-
365	Radio and television receiving sets (except communication types), phonographs, and phonograph records.....	49	100.0	4.3	55.1	2.5	3.2	4.1	30.8	-	-
3651	Radio and television receiving sets (except communication types), and phonographs.....	26	100.0	8.3	73.1	4.9	5.2	7.7	.8	-	-
3652	Phonograph records, records blanks, and prerecorded tapes.....	23	100.0	-	35.4	-	1.0	.1	63.5	-	-
366	Communication equipment.....	12	100.0	21.3	49.0	.3	16.7	7.4	5.3	-	-
3662	Radio and television transmitting, signaling, and detection equipment and apparatus.....	3	100.0	.7	56.8	1.1	35.9	-	5.5	-	-
367	Electronic components or accessories..	74	100.0	.1	68.8	.2	29.6	.2	1.1	-	-
3679	Miscellaneous electronic components and accessories.....	66	100.0	.1	71.0	.2	27.6	.1	1.0	-	-
37	Transportation equipment.....	847	100.0	62.0	29.7	1.0	1.4	5.1	.8	-	-
371	Motor vehicles and motor vehicle equipment.....	632	100.0	70.4	21.7	.2	.2	6.8	.7	-	-
3714	Motor vehicle parts and accessories...	31	100.0	11.2	80.6	2.0	4.3	1.7	.2	-	-
379	Miscellaneous transportation equipment	24	100.0	10.3	61.3	28.0	.1	.1	.2	-	-
38	Instruments, photographic goods, optical goods, watches, and clocks.....	40	100.0	9.6	62.0	.1	21.3	.5	6.4	.1	-
382	Measuring, controlling, and indicating instruments.....	18	100.0	3.0	72.0	-	14.8	-	9.9	.3	-
3822	Automatic temperature controls.....	15	100.0	3.5	72.8	-	13.0	-	10.7	-	-
39	Miscellaneous products of manufacturing.....	164	100.0	61.8	27.1	.3	.4	2.6	5.0	2.8	-
399	Miscellaneous manufactured products...	27	100.0	-	77.7	1.7	1.8	-	1.8	17.0	-

¹Code letter indicates a sampling variability range as follows: a, 0-9 percent; b, 10-19 percent; c, 20-29 percent; and d, 30-50 percent. The variability for ton-miles has not been estimated.

TABLE 2. Percent Distribution of Commodities, by Distance of Shipment: 1967

TCC code	Commodity	Number	Percent distribution by distance of shipment								Sampling variability code ¹
			All distances	Under 100 miles	100 to 199 miles	200 to 299 miles	300 to 499 miles	500 to 999 miles	1,000 to 1,499 miles	1,500 miles or over	
	TONS OF SHIPMENTS	(thousands of tons)									
	California, total.....	99,909	100.0	45.0	8.4	3.8	14.2	12.9	4.5	11.2	-
20	Food and kindred products.....	23,071	100.0	33.5	8.8	4.8	14.4	8.6	4.6	25.3	b
201	Meat, poultry, and small game; fresh, chilled or frozen.....	1,101	100.0	51.8	14.6	5.2	7.9	3.8	3.6	13.1	b
2011	Meat, fresh or chilled, not salted.....	460	100.0	63.2	18.7	2.0	6.9	3.5	.8	4.9	d
2013	Meat products.....	162	100.0	45.6	16.5	2.3	25.0	6.7	2.1	1.8	c
2014	Animal byproducts, inedible.....	150	100.0	52.9	25.1	4.9	8.6	.7	-	7.8	d
203	Canned and preserved fruits, vegetables, and seafoods.....	9,540	100.0	14.2	3.0	4.8	14.6	9.8	8.1	45.5	b
2033	Canned fruits and vegetables.....	6,484	100.0	13.9	1.9	5.1	13.0	9.5	7.2	49.4	c
2037	Frozen fruits, vegetables, fruit juices, and specialties.....	689	100.0	17.8	4.3	12.2	5.4	9.2	22.1	29.0	d
204	Grain mill products.....	3,368	100.0	62.7	7.4	1.9	14.5	5.7	.8	7.0	d
207	Confectionery and related products.....	182	100.0	18.0	7.6	2.5	26.8	37.0	5.5	2.6	d
2071	Confectionery and related products.....	182	100.0	18.0	7.6	2.5	26.8	37.0	5.5	2.6	d
208	Beverages and flavoring extracts.....	3,318	100.0	41.3	9.7	5.0	15.3	10.8	2.4	15.5	b
2082	Malt liquors.....	1,395	100.0	39.9	9.0	4.3	23.3	16.6	1.5	5.4	b
2084	Wines, brandy, and brandy spirits.....	943	100.0	9.8	13.2	10.1	6.7	8.5	6.1	45.6	c
2086	Bottled and canned soft drinks and carbonated, mineral, and plain waters.....	679	100.0	96.8	1.7	.6	.5	.1	.1	.2	d
209	Miscellaneous food preparations and kindred products.....	3,316	100.0	41.9	16.5	8.8	16.0	6.2	1.8	8.8	d
2093	Vegetable and nut oils and byproducts (except cottonseed and soybean).....	43	100.0	37.8	-	-	7.3	11.6	-	43.3	d
233	Women's, misses', girls', and infants' clothing.....	16	100.0	15.3	1.9	1.9	9.7	7.3	5.4	58.5	c
2331	Women's, misses', girls', and infants' clothing.....	16	100.0	15.3	1.9	1.9	9.7	7.3	5.4	58.5	c
24	Lumber and wood products, except furniture.....	8,913	100.0	11.1	13.8	10.5	14.2	20.1	3.6	26.7	d
242	Lumber and dimension stock and miscellaneous sawmill and planing mill products.....	7,745	100.0	10.1	15.3	11.5	14.9	21.4	2.6	24.2	d
2421	Lumber and dimension stock.....	7,745	100.0	10.1	15.3	11.5	14.9	21.4	2.6	24.2	d
243	Millwork and prefabricated wood products, including plywood and veneer....	793	100.0	6.4	3.1	5.7	7.5	10.9	13.3	53.1	d
2499	Wood products, n.e.c.....	95	100.0	30.2	.5	1.1	8.4	1.1	.1	58.6	d
25	Furniture and fixtures.....	246	100.0	46.9	8.4	3.4	20.5	8.3	2.6	9.9	b
251	Household and office furniture.....	228	100.0	46.7	8.8	3.6	20.8	8.1	2.4	9.6	b
2513	Couches, davenports, love seats, sofas, and settees.....	51	100.0	38.6	12.3	7.0	30.7	8.0	.1	3.3	d
2516	Dressers, vanities, chests of drawers, and beds (except hospital beds).....	20	100.0	35.9	17.9	5.3	29.7	7.5	.1	3.6	d
26	Pulp, paper, and allied products.....	2,568	100.0	44.6	6.6	3.8	25.2	15.2	1.5	3.1	b
263	Paperboard, fiberboard, and pulpboard (except insulating board).....	507	100.0	40.2	2.1	4.2	37.5	11.4	3.7	.9	c
2631	Paperboard, fiberboard, and pulpboard (except insulating board).....	507	100.0	40.2	2.1	4.2	37.5	11.4	3.7	.9	c
264	Converted paper and paperboard products (except containers and boxes).....	660	100.0	24.5	7.3	5.5	28.7	27.2	.4	6.4	d
2649	Miscellaneous converted paper products and paperboard products.....	124	100.0	21.6	4.7	5.4	17.5	42.7	.7	7.4	d
265	Containers, boxes and related products, paperboard, fiberboard, and pulpboard.....	1,169	100.0	59.0	8.6	3.1	15.4	10.4	1.5	2.0	c
2651	Containers, boxes, baskets, pallets and skids, paperboard, fiberboard, and pulpboard.....	956	100.0	67.0	9.2	3.2	11.2	8.4	.1	.9	c
2654	Sanitary food containers.....	213	100.0	22.9	6.0	2.9	34.3	18.9	8.0	7.0	d

See footnote at end of table.

TABLE 2. Percent Distribution of Commodities, by Distance of Shipment: 1967--Continued

TCC code	Commodity	Number	Percent distribution by distance of shipment								Sampling variability code ¹
			All distances	Under 100 miles	100 to 199 miles	200 to 299 miles	300 to 499 miles	500 to 999 miles	1,000 to 1,499 miles	1,500 miles or over	
	TONS OF SHIPMENTS--Continued	(thousands of tons)									
28	Chemicals and allied products.....	8,178	100.0	52.5	8.0	4.2	21.0	9.0	0.6	4.7	c
281	Industrial chemicals.....	4,367	100.0	64.7	4.8	4.5	16.8	6.0	.4	2.8	d
2813	Industrial gases, compressed and liquefied.....	466	100.0	72.4	18.2	2.1	4.7	2.5	-	.1	d
2818	Miscellaneous industrial organic chemicals.....	288	100.0	12.5	6.7	6.2	19.7	22.6	3.4	28.9	c
2819	Miscellaneous industrial inorganic chemicals.....	1,797	100.0	66.5	3.7	6.7	17.6	4.9	-	.6	d
282	Plastic materials and plasticizers, synthetic resins, rubbers, and fibers.	515	100.0	58.6	2.3	.5	11.2	2.9	2.4	22.1	d
2821	Plastic materials and plasticizers, synthetic resins, rubbers, and fibers.	515	100.0	58.6	2.3	.5	11.2	2.9	2.4	22.1	d
283	Drugs (biological products, medicinal chemicals, botanical products, and pharmaceutical preparations).....	88	100.0	16.4	13.1	16.7	38.1	9.8	1.4	4.5	c
2831	Drugs (biological products, medicinal chemicals, botanical products, and pharmaceutical preparations).....	88	100.0	16.4	13.1	16.7	38.1	9.8	1.4	4.5	c
284	Soap and detergents, cleaning preparations, perfumes, cosmetics, and other toilet preparations.....	1,249	100.0	33.5	14.3	1.4	27.4	14.8	1.1	7.5	c
2841	Soap and other detergents (except specialty cleansers).....	902	100.0	33.2	18.3	1.1	30.1	10.4	.3	6.6	c
2844	Perfumes, cosmetics, and other toilet preparations.....	79	100.0	27.3	7.5	1.9	14.3	16.2	7.2	25.6	d
285	Paints, varnishes, lacquers, enamels, and allied products.....	352	100.0	26.8	8.4	3.2	36.3	21.9	1.0	2.4	b
2851	Paints, varnishes, lacquers, enamels, and allied products.....	352	100.0	26.8	8.4	3.2	36.3	21.9	1.0	2.4	b
289	Miscellaneous chemical products.....	1,389	100.0	39.7	13.3	4.4	26.2	13.5	.1	2.8	d
29	Petroleum and coal products.....	34,204	100.0	54.8	5.0	1.6	11.5	18.0	6.7	2.4	c
291	Products of petroleum refining.....	30,312	100.0	51.1	5.0	1.4	12.4	19.9	7.6	2.6	c
2911	Products of petroleum refining (except liquefied petroleum gases and petroleum coke and breeze).....	29,848	100.0	50.9	4.9	1.3	12.5	20.2	7.7	2.5	c
2912	Liquefied petroleum and coal gases.....	463	100.0	67.1	10.9	6.7	6.8	2.8	-	5.7	b
295	Paving and roofing materials.....	1,642	100.0	61.0	13.3	7.4	9.5	7.7	-	1.1	b
2951	Paving mixtures and blocks.....	618	100.0	69.2	17.6	11.4	1.8	-	-	-	c
2952	Asphalt felt and coatings.....	1,024	100.0	56.1	10.7	5.1	14.1	12.3	-	1.7	c
30	Rubber and miscellaneous plastics products.....	727	100.0	36.4	10.1	1.4	10.4	15.4	11.8	14.5	c
301	Tires and inner tubes.....	364	100.0	30.7	10.8	1.4	13.9	20.3	13.9	9.0	c
3011	Tires and inner tubes.....	364	100.0	30.7	10.8	1.4	13.9	20.3	13.9	9.0	c
306	Miscellaneous fabricated rubber products.....	53	100.0	34.3	1.9	2.9	6.4	17.9	10.7	25.9	c
3061	Miscellaneous fabricated rubber products.....	53	100.0	34.3	1.9	2.9	6.4	17.9	10.7	25.9	c
307	Miscellaneous plastic products.....	280	100.0	47.7	2.7	1.1	7.5	10.0	10.5	20.5	c
3071	Miscellaneous plastic products.....	280	100.0	47.7	2.7	1.1	7.5	10.0	10.5	20.5	c
32	Stone, clay, and glass products.....	11,073	100.0	69.9	16.2	3.4	5.2	3.0	1.1	1.2	c
322	Glass and glassware, pressed and blown.	1,046	100.0	50.3	8.6	13.8	17.9	8.3	.1	1.0	c
3221	Glass containers, caps and covers.....	1,014	100.0	49.7	8.8	14.0	18.4	8.2	-	.9	c
324	Hydraulic cement.....	6,231	100.0	76.1	20.6	2.0	1.0	.1	.2	-	c
3241	Hydraulic cement.....	6,231	100.0	76.1	20.6	2.0	1.0	.1	.2	-	c
325	Structural clay products.....	626	100.0	49.2	24.3	2.0	18.8	4.9	.2	.8	c
3251	Brick and structural clay tile.....	274	100.0	64.1	26.9	2.1	2.8	4.1	-	-	c
3253	Ceramic wall and floor tile.....	49	100.0	37.5	2.1	1.4	34.0	16.4	2.5	8.1	c

See footnote at end of table.

TABLE 2. Percent Distribution of Commodities, by Distance of Shipment: 1967--Continued

TCC code	Commodity	Number	Percent distribution by distance of shipment								Sampling variability code ¹
			All distances	Under 100 miles	100 to 199 miles	200 to 299 miles	300 to 499 miles	500 to 999 miles	1,000 to 1,499 miles	1,500 miles or over	
	TONS OF SHIPMENTS--Continued	(thousands of tons)									
326	Pottery and related products.....	47	100.0	21.2	3.4	4.1	18.3	12.9	7.3	32.8	d
3269	Miscellaneous pottery products.....	15	100.0	5.9	3.5	1.4	13.1	6.8	12.2	57.1	d
327	Concrete, gypsum, plaster, and plaster products.....	2,359	100.0	78.7	9.2	3.2	4.5	3.7	-	.7	c
3271	Concrete products.....	1,763	100.0	82.5	9.0	3.5	3.3	1.6	-	.1	d
3275	Gypsum products.....	596	100.0	68.0	9.9	2.2	8.0	9.6	.1	2.2	d
329	Abrasives, asbestos, and miscellaneous nonmetallic mineral products.....	565	100.0	23.4	7.0	2.6	14.6	19.9	18.0	14.5	d
3293	Steam and other packing and pipe and boiler covering.....	1	100.0	64.1	1.6	7.9	3.7	6.9	3.8	12.0	d
33	Primary metal products.....	4,440	100.0	40.6	4.1	2.6	30.8	11.5	4.3	6.1	b
331	Steel works and rolling mill products..	3,377	100.0	45.2	3.8	2.2	34.9	10.0	1.6	2.3	b
3312	Primary iron and steel products (except coke-oven products).....	3,197	100.0	46.3	3.6	1.9	35.2	8.9	1.7	2.4	b
335	Nonferrous metal basic shapes.....	334	100.0	26.9	6.1	3.6	22.2	18.3	5.1	17.8	c
3352	Aluminum and aluminum base alloy basic shapes (except aluminum foil).....	120	100.0	40.4	1.9	1.7	13.3	9.5	4.7	28.5	b
3357	Nonferrous wire (including insulated wire).....	167	100.0	13.1	9.8	5.8	29.3	25.1	4.6	12.3	d
336	Nonferrous and nonferrous base alloy castings.....	18	100.0	18.4	2.7	5.4	21.4	4.1	13.5	34.5	d
3361	Aluminum and aluminum base alloy castings.....	12	100.0	19.8	4.1	7.5	2.2	3.2	19.4	43.8	d
3391	Iron and steel forgings.....	20	100.0	21.4	7.7	2.4	9.3	9.4	25.0	24.8	d
3392	Nonferrous forgings.....	17	100.0	19.3	4.2	.1	4.5	6.7	14.0	51.2	c
34	Fabricated metal products.....	2,868	100.0	44.9	6.3	2.3	17.2	12.4	3.2	13.7	b
341	Metal cans.....	589	100.0	73.6	4.8	1.1	13.4	4.4	-	2.7	b
3411	Metal cans.....	589	100.0	73.6	4.8	1.1	13.4	4.4	-	2.7	b
3429	Miscellaneous hardware.....	1	100.0	1.5	33.1	1.0	1.4	10.5	2.0	50.5	d
343	Plumbing fixtures and heating apparatus (except electric).....	107	100.0	32.8	11.1	3.7	12.3	14.2	9.8	16.1	d
344	Structural and miscellaneous metal products.....	926	100.0	55.8	9.7	4.6	13.8	11.9	.7	3.5	c
3441	Structural metal products.....	478	100.0	72.0	7.6	3.5	10.7	5.1	.1	1.0	c
3443	Fabricated plate products (boiler shop products).....	67	100.0	51.3	3.9	-	15.0	27.1	.1	2.6	d
3449	Miscellaneous metal work.....	232	100.0	41.1	13.2	10.3	15.7	16.3	1.6	1.8	d
346	Metal stampings.....	77	100.0	74.6	1.8	2.2	11.9	5.0	.5	4.0	b
3461	Metal stampings.....	77	100.0	74.6	1.8	2.2	11.9	5.0	.5	4.0	b
348	Miscellaneous fabricated wire products.	102	100.0	25.2	4.1	.7	12.9	45.1	7.1	4.9	d
3481	Miscellaneous fabricated wire products.	102	100.0	25.2	4.1	.7	12.9	45.1	7.1	4.9	d
349	Miscellaneous fabricated metal products	662	100.0	15.9	5.5	1.2	20.5	5.6	8.0	43.3	c
3494	Valves and pipe fittings (except plumbers' brass goods and fittings).....	576	100.0	14.1	6.0	1.3	18.4	4.5	8.4	47.3	c
3499	Fabricated metal products, n.e.c.....	76	100.0	28.0	2.7	.3	29.6	14.4	5.8	19.2	d
35	Machinery, except electrical.....	771	100.0	14.2	14.0	10.0	19.9	5.2	6.5	30.2	d
351	Engines and turbines.....	8	100.0	.5	.9	-	1.6	2.5	7.6	86.9	c
3519	Miscellaneous internal combustion engines.....	8	100.0	.5	.9	-	1.6	2.5	7.6	86.9	c
353	Construction, mining and materials handling machinery and equipment.....	140	100.0	15.8	16.0	3.6	26.3	10.4	11.5	16.4	d
3531	Construction machinery and equipment...	13	100.0	18.3	4.3	3.3	6.4	7.7	8.3	51.7	b
3533	Oil field machinery and equipment.....	41	100.0	9.5	27.2	5.9	11.6	8.0	27.6	10.2	d
3544	Special dies and tools, die sets, jigs, fixtures, and industrial molds and patterns.....	4	100.0	19.3	15.0	.7	6.7	6.8	44.6	6.9	d
356	General industrial machinery and equipment.....	118	100.0	5.7	2.8	6.9	1.9	7.6	14.2	60.9	d

See footnote at end of table.

TABLE 2. Percent Distribution of Commodities, by Distance of Shipment: 1967--Continued

TCC code	Commodity	Number	Percent distribution by distance of shipment								Sampling variability code ¹
			All distances	Under 100 miles	100 to 199 miles	200 to 299 miles	300 to 499 miles	500 to 999 miles	1,000 to 1,499 miles	1,500 miles or over	
	TONS OF SHIPMENTS--Continued	(thousands of tons)									
357	Office, computing, and accounting machines.....	49	100.0	7.0	4.2	0.1	0.7	8.1	1.8	78.1	c
359	Miscellaneous machinery and parts (except electrical).....	25	100.0	24.2	1.1	1.6	8.7	3.8	24.0	36.6	d
3599	Miscellaneous machinery and parts (except electrical).....	25	100.0	24.2	1.1	1.6	8.7	3.8	24.0	36.6	d
36	Electrical machinery and equipment.....	393	100.0	25.1	8.2	2.7	12.2	9.5	10.6	31.7	b
3611	Electrical measuring instruments and test equipment.....	5	100.0	10.8	1.7	1.2	8.1	18.6	15.6	44.0	d
362	Electrical industrial apparatus.....	38	100.0	11.0	4.3	2.1	5.2	7.7	21.0	48.7	b
363	Household appliances.....	101	100.0	21.9	6.4	3.0	15.5	12.8	13.3	27.1	d
364	Electric lighting and wiring equipment.....	64	100.0	22.7	7.1	1.9	14.1	15.8	7.6	30.8	d
3642	Lighting fixtures.....	46	100.0	28.6	9.1	2.6	19.0	17.4	8.9	14.4	d
365	Radio and television receiving sets (except communication types), phonographs, and phonograph records.....	40	100.0	14.3	6.3	.7	12.1	10.7	15.5	40.4	b
3651	Radio and television receiving sets (except communication types), and phonographs.....	25	100.0	14.1	9.5	1.2	16.2	12.2	17.9	28.9	b
3652	Phonograph records, record blanks, and prerecorded tapes.....	15	100.0	14.8	.8	-	5.1	8.1	11.2	60.0	d
366	Communication equipment.....	8	100.0	5.3	2.2	.7	9.9	5.5	11.8	64.6	c
3662	Radio and television transmitting, signaling, and detection equipment and apparatus.....	2	100.0	15.8	2.0	.7	20.9	2.7	20.8	37.1	c
367	Electronic components or accessories...	74	100.0	34.3	1.1	5.9	9.6	4.2	7.2	37.7	d
3679	Miscellaneous electronic components and accessories.....	65	100.0	31.0	1.2	6.7	10.9	4.3	8.1	37.8	d
37	Transportation equipment.....	1,351	100.0	17.8	7.6	4.4	27.3	23.9	8.9	10.1	a
371	Motor vehicles and motor vehicle equipment.....	1,095	100.0	16.8	7.6	5.0	30.1	24.3	9.5	6.7	a
3714	Motor vehicle parts and accessories....	17	100.0	2.0	.5	.3	12.8	3.2	2.6	78.6	d
379	Miscellaneous transportation equipment.....	52	100.0	23.9	12.2	5.9	27.8	20.5	6.1	3.6	d
38	Instruments, photographic goods, optical goods, watches, and clocks.....	26	100.0	9.6	.9	1.4	6.5	3.1	20.7	57.8	c
382	Measuring, controlling, and indicating instruments.....	11	100.0	4.6	.3	.8	4.7	1.8	19.4	68.4	b
3822	Automatic temperature controls.....	9	100.0	4.4	.3	1.0	2.9	.9	18.7	71.8	b
39	Miscellaneous products of manufacturing.....	142	100.0	19.1	2.0	1.7	19.9	9.7	2.8	44.8	b
399	Miscellaneous manufactured products....	48	100.0	25.2	5.2	3.4	27.7	24.0	2.4	12.1	d

See footnote at end of table.

TABLE 2. Percent Distribution of Commodities, by Distance of Shipment: 1967--Continued

TCC code	Commodity	Number	Percent distribution by distance of shipment								Sampling variability code ¹
			All distances	Under 100 miles	100 to 199 miles	200 to 299 miles	300 to 499 miles	500 to 999 miles	1,000 to 1,499 miles	1,500 miles or over	
	TON-MILES OF SHIPMENTS	(millions of ton-miles)									
	California, total.....	47,148	100.0	3.5	2.5	2.0	10.8	19.6	11.3	50.3	-
20	Food and kindred products.....	17,299	100.0	2.0	1.7	1.6	7.0	8.1	8.4	71.2	-
201	Meat, poultry, and small game; fresh, chilled or frozen.....	498	100.0	4.3	4.0	3.1	6.2	6.2	11.0	65.2	-
2011	Meat, fresh or chilled, not salted.....	99	100.0	9.3	10.6	2.2	11.4	13.4	5.5	47.6	-
2013	Meat products.....	41	100.0	7.3	8.6	2.2	35.2	20.9	10.9	14.9	-
2014	Animal byproducts, inedible.....	34	100.0	7.9	13.6	5.1	21.4	1.7	-	59.3	-
203	Canned and preserved fruits, vegetables, and seafoods.....	11,584	100.0	.6	.4	1.1	4.3	5.7	9.1	78.8	-
2033	Canned fruits and vegetables.....	8,238	100.0	.5	.2	1.2	3.5	5.3	7.7	81.6	-
2037	Frozen fruits, vegetables, fruit juices, and specialties.....	750	100.0	.9	.6	3.2	1.9	6.1	28.9	58.4	-
204	Grain mill products.....	1,004	100.0	11.1	3.7	1.5	17.4	13.5	3.6	49.2	-
207	Confectionery and related products.....	94	100.0	1.5	1.8	1.2	17.2	52.5	15.3	10.5	-
2071	Confectionery and related products.....	94	100.0	1.5	1.8	1.2	17.2	52.5	15.3	10.5	-
208	Beverages and flavoring extracts.....	1,768	100.0	2.7	2.6	2.4	10.2	14.2	5.9	62.0	-
2082	Malt liquors.....	506	100.0	4.1	3.4	2.9	22.8	32.8	5.1	28.9	-
2084	Wines, brandy, and brandy spirits.....	1,138	100.0	.5	1.5	2.2	2.1	4.7	6.7	82.3	-
2086	Bottled and canned soft drinks and carbonated, mineral, and plain waters.	25	100.0	69.1	5.8	3.6	4.7	1.4	5.8	9.6	-
209	Miscellaneous food preparations and kindred products.....	1,285	100.0	5.1	6.7	5.1	16.1	11.2	6.1	49.7	-
2093	Vegetable and nut oils and byproducts (except cottonseed and soybean).....	40	100.0	2.4	-	-	3.7	10.6	-	83.3	-
233	Women's, misses', girls', and infants' clothing.....	22	100.0	.5	.2	.4	2.4	4.3	5.0	87.2	-
2331	Women's, misses', girls', and infants' clothing.....	22	100.0	.5	.2	.4	2.4	4.3	5.0	87.2	-
24	Lumber and wood products, except furniture.....	7,473	100.0	.7	2.3	3.2	6.8	15.0	5.9	66.1	-
242	Lumber and dimension stock and miscellaneous sawmill and planing mill products.....	6,100	100.0	.8	2.7	3.7	7.6	16.8	4.7	63.7	-
2421	Lumber and dimension stock.....	6,100	100.0	.8	2.7	3.7	7.6	16.8	4.7	63.7	-
243	Millwork and prefabricated wood products, including plywood and veneer....	1,112	100.0	.2	.3	1.0	2.2	5.8	12.3	78.2	-
2499	Wood products, n.e.c.....	123	100.0	.5	.1	.2	2.2	.7	.1	96.2	-
25	Furniture and fixtures.....	101	100.0	3.6	2.5	2.1	17.3	15.5	8.2	50.8	-
251	Household and office furniture.....	91	100.0	3.6	2.6	2.3	18.0	15.8	7.8	49.9	-
2513	Couches, davenports, love seats, sofas, and settees.....	15	100.0	4.0	4.6	5.9	37.1	20.1	.7	27.6	-
2516	Dressers, vanities, chests of drawers, and beds (except hospital beds).....	6	100.0	3.2	8.3	4.3	35.9	20.9	.4	27.0	-
26	Pulp, paper, and allied products.....	812	100.0	4.9	3.0	2.8	28.3	34.2	6.9	19.9	-
263	Paperboard, fiberboard, and pulpboard (except insulating board).....	153	100.0	4.1	1.0	3.1	40.9	27.0	17.6	6.3	-
2631	Paperboard, fiberboard, and pulpboard (except insulating board).....	153	100.0	4.1	1.0	3.1	40.9	27.0	17.6	6.3	-
264	Converted paper and paperboard products (except containers and boxes).....	305	100.0	1.8	2.3	2.9	22.5	41.8	1.2	27.5	-
2649	Miscellaneous converted paper products and paperboard products.....	69	100.0	1.3	1.2	2.3	12.8	52.5	1.8	28.1	-
265	Containers, boxes and related products, paperboard, fiberboard, and pulpboard.	283	100.0	8.9	5.1	3.0	24.1	31.1	8.9	18.9	-
2651	Containers, boxes, baskets, pallets and skids, paperboard, fiberboard, and pulpboard.....	162	100.0	14.0	7.8	4.3	24.9	35.6	.6	12.8	-
2654	Sanitary food containers.....	121	100.0	2.1	1.5	1.1	23.1	25.1	20.1	27.0	-

See footnote at end of table.

TABLE 2. Percent Distribution of Commodities, by Distance of Shipment: 1967--Continued

TCC code	Commodity	Number	Percent distribution by distance of shipment								Sampling variability code ¹
			All distances	Under 100 miles	100 to 199 miles	200 to 299 miles	300 to 499 miles	500 to 999 miles	1,000 to 1,499 miles	1,500 miles or over	
	TON-MILES OF SHIPMENTS--Continued	(millions of ton-miles)									
28	Chemicals and allied products.....	2,292	100.0	6.0	3.9	3.6	26.5	22.5	2.8	34.7	-
281	Industrial chemicals.....	915	100.0	9.8	3.0	5.4	28.9	20.6	2.6	29.7	-
2813	Industrial gases, compressed and liquefied.....	45	100.0	37.4	22.0	4.9	16.8	15.5	-	3.4	-
2818	Miscellaneous industrial organic chemicals.....	280	100.0	.3	1.0	1.4	7.3	18.4	4.6	67.0	-
2819	Miscellaneous industrial inorganic chemicals.....	279	100.0	14.4	3.5	10.5	41.7	21.0	-	8.9	-
282	Plastic materials and plasticizers, synthetic resins, rubbers, and fibers.	277	100.0	2.3	.5	.2	7.1	4.4	5.8	79.7	-
2821	Plastic materials and plasticizers, synthetic resins, rubbers, and fibers.	277	100.0	2.3	.5	.2	7.1	4.4	5.8	79.7	-
283	Drugs (biological products, medicinal chemicals, botanical products, and pharmaceutical preparations).....	33	100.0	1.6	4.1	12.3	32.9	19.8	4.8	24.5	-
2831	Drugs (biological products, medicinal chemicals, botanical products, and pharmaceutical preparations).....	33	100.0	1.6	4.1	12.3	32.9	19.8	4.8	24.5	-
284	Soap and detergents, cleaning preparations, perfumes, cosmetics, and other toilet preparations.....	511	100.0	2.7	4.6	.8	23.3	26.8	3.3	38.5	-
2841	Soap and other detergents (except specialty cleansers).....	325	100.0	3.3	6.6	.8	29.3	20.1	1.1	38.8	-
2844	Perfumes, cosmetics, and other toilet preparations.....	58	100.0	.6	1.3	.6	6.8	19.1	12.4	59.2	-
285	Paints, varnishes, lacquers, enamels, and allied products.....	128	100.0	2.6	2.9	2.0	35.6	39.5	3.4	14.0	-
2851	Paints, varnishes, lacquers, enamels, and allied products.....	128	100.0	2.6	2.9	2.0	35.6	39.5	3.4	14.0	-
289	Miscellaneous chemical products.....	390	100.0	4.9	7.0	3.7	32.8	30.7	.5	20.4	-
29	Petroleum and coal products.....	11,254	100.0	4.5	2.1	1.2	12.0	40.3	20.6	19.3	-
291	Products of petroleum refining.....	10,909	100.0	4.0	1.9	.9	11.8	40.9	21.3	19.2	-
2911	Products of petroleum refining (except liquefied petroleum gases and petroleum coke and breeze).....	10,810	100.0	3.9	1.8	.9	11.9	41.2	21.5	18.8	-
2912	Liquefied petroleum and coal gases.....	99	100.0	14.0	6.7	7.1	10.5	7.3	-	54.4	-
295	Paving and roofing materials.....	285	100.0	14.5	10.4	10.3	19.9	28.8	-	16.1	-
2951	Paving mixtures and blocks.....	57	100.0	38.3	25.9	29.0	6.6	.2	-	-	-
2952	Asphalt felt and coatings.....	227	100.0	8.5	6.5	5.5	23.3	36.0	-	20.2	-
30	Rubber and miscellaneous plastics products.....	452	100.0	1.9	2.1	.5	5.9	19.7	24.3	45.6	-
301	Tires and inner tubes.....	217	100.0	1.7	2.5	.6	8.2	26.9	30.9	29.2	-
3011	Tires and inner tubes.....	217	100.0	1.7	2.5	.6	8.2	26.9	30.9	29.2	-
306	Miscellaneous fabricated rubber products.....	45	100.0	1.2	.3	.8	2.6	16.3	16.3	62.5	-
3061	Miscellaneous fabricated rubber products.....	45	100.0	1.2	.3	.8	2.6	16.3	16.3	62.5	-
307	Miscellaneous plastic products.....	183	100.0	2.3	.5	.4	4.1	12.6	19.4	60.7	-
3071	Miscellaneous plastic products.....	183	100.0	2.3	.5	.4	4.1	12.6	19.4	60.7	-
32	Stone, clay, and glass products.....	1,592	100.0	23.5	15.6	5.4	12.9	15.2	11.0	16.4	-
322	Glass and glassware, pressed and blown.	213	100.0	8.4	5.8	14.4	29.9	29.9	.8	10.8	-
3221	Glass containers, caps and covers.....	207	100.0	8.3	6.0	14.7	30.5	29.5	.3	10.7	-
324	Hydraulic cement.....	513	100.0	51.0	34.9	5.9	4.1	1.2	2.9	-	-
3241	Hydraulic cement.....	513	100.0	51.0	34.9	5.9	4.1	1.2	2.9	-	-
325	Structural clay products.....	115	100.0	14.3	17.9	2.9	37.8	17.6	1.3	8.2	-
3251	Brick and structural clay tile.....	30	100.0	32.2	31.8	5.2	9.0	21.0	-	-	-
3253	Ceramic wall and floor tile.....	23	100.0	2.8	.7	.7	25.2	30.2	3.8	36.7	-

See footnote at end of table.

TABLE 2. Percent Distribution of Commodities, by Distance of Shipment: 1967--Continued

TCC code	Commodity	Number	Percent distribution by distance of shipment								Sampling variability code ¹
			All distances	Under 100 miles	100 to 199 miles	200 to 299 miles	300 to 499 miles	500 to 999 miles	1,000 to 1,499 miles	1,500 miles or over	
	TON-MILES OF SHIPMENTS--Continued	(millions of ton-miles)									
326	Pottery and related products.....	45	100.0	0.9	0.4	1.1	7.1	11.9	10.0	68.6	-
3269	Miscellaneous pottery products.....	22	100.0	.1	.3	.2	3.1	3.8	10.9	81.6	-
327	Concrete, gypsum, plaster, and plaster products.....	252	100.0	25.3	11.8	7.0	15.2	25.1	.4	15.2	-
3271	Concrete products.....	131	100.0	36.4	16.2	11.0	15.7	15.7	.1	4.9	-
3275	Gypsum products.....	121	100.0	13.3	7.0	2.6	14.7	35.4	.7	26.3	-
329	Abrasives, asbestos, and miscellaneous nonmetallic mineral products.....	428	100.0	1.9	1.2	.8	7.1	18.7	33.9	36.4	-
3293	Steam and other packing and pipe and boiler covering.....	-	-	-	-	-	-	-	-	-	-
33	Primary metal products.....	1,777	100.0	3.9	1.4	1.5	27.2	20.1	14.2	31.7	-
331	Steel works and rolling mill products..	977	100.0	6.1	1.9	1.7	42.6	23.9	6.7	17.1	-
3312	Primary iron and steel products (except coke-oven products).....	918	100.0	6.3	1.7	1.5	43.2	21.9	7.2	18.2	-
335	Nonferrous metal basic shapes.....	223	100.0	1.5	1.5	1.4	11.7	22.1	9.5	52.3	-
3352	Aluminum and aluminum base alloy basic shapes (except aluminum foil).....	94	100.0	1.9	.3	.5	5.9	10.9	7.3	73.2	-
3357	Nonferrous wire (including insulated wire).....	104	100.0	.8	2.6	2.5	16.6	30.8	8.8	37.9	-
336	Nonferrous and nonferrous base alloy castings.....	17	100.0	.5	.4	1.5	7.6	3.6	16.6	69.8	-
3361	Aluminum and aluminum base alloy castings.....	14	100.0	.5	.4	1.8	.6	2.3	20.0	74.4	-
3391	Iron and steel forgings.....	19	100.0	.7	.9	.7	3.1	7.3	32.5	54.8	-
3392	Nonferrous forgings.....	23	100.0	.4	.4	-	1.2	4.4	12.6	81.0	-
34	Fabricated metal products.....	1,397	100.0	3.5	1.7	1.1	12.7	19.5	8.2	53.3	-
341	Metal cans.....	101	100.0	18.7	3.9	1.6	27.2	17.7	.1	30.8	-
3411	Metal cans.....	101	100.0	18.7	3.9	1.6	27.2	17.7	.1	30.8	-
3429	Miscellaneous hardware.....	1	100.0	.1	3.2	.1	.4	6.0	2.6	87.6	-
343	Plumbing fixtures and heating apparatus (except electric).....	67	100.0	1.9	2.3	1.3	7.1	16.0	19.5	51.9	-
344	Structural and miscellaneous metal products.....	253	100.0	6.6	4.6	4.0	19.1	34.7	3.7	27.3	-
3441	Structural metal products.....	71	100.0	16.4	6.4	5.3	27.0	30.9	.9	13.1	-
3443	Fabricated plate products (boiler shop products).....	23	100.0	4.7	1.3	-	15.5	64.9	.4	13.2	-
3449	Miscellaneous metal work.....	70	100.0	4.0	6.0	8.3	19.5	42.0	7.8	12.4	-
346	Metal stampings.....	15	100.0	14.5	1.3	3.3	20.9	18.8	3.4	37.8	-
3461	Metal stampings.....	15	100.0	14.5	1.3	3.3	20.9	18.8	3.4	37.8	-
348	Miscellaneous fabricated wire products.	57	100.0	1.3	1.0	.3	8.1	58.4	16.1	14.8	-
3481	Miscellaneous fabricated wire products.	57	100.0	1.3	1.0	.3	8.1	58.4	16.1	14.8	-
349	Miscellaneous fabricated metal products	679	100.0	.7	.8	.3	7.3	3.9	9.4	77.6	-
3494	Valves and pipe fittings (except plumbers' brass goods and fittings).....	624	100.0	.6	.8	.3	6.2	2.8	9.5	79.8	-
3499	Fabricated metal products, n.e.c.....	52	100.0	.8	.5	.1	15.4	17.5	9.9	55.8	-
35	Machinery, except electrical.....	661	100.0	.8	2.1	3.0	8.5	4.6	9.7	71.3	-
351	Engines and turbines.....	14	100.0	-	.1	-	.4	1.0	5.7	92.8	-
3519	Miscellaneous internal combustion engines.....	14	100.0	-	.1	-	.4	1.0	5.7	92.8	-
353	Construction, mining, and materials handling machinery and equipment.....	102	100.0	1.3	3.1	1.2	14.4	10.1	20.8	49.1	-
3531	Construction machinery and equipment...	17	100.0	.3	.4	.6	1.8	4.3	8.0	84.6	-
3533	Oil field machinery and equipment.....	29	100.0	.4	5.4	1.9	5.5	8.5	50.5	27.8	-
3544	Special dies and tools, die sets, jigs, fixtures, and industrial molds and patterns.....	3	100.0	.4	2.1	.2	2.7	4.9	72.9	16.8	-
356	General industrial machinery and equipment.....	171	100.0	.1	.3	1.0	.5	4.4	11.8	81.9	-

See footnote at end of table.

TABLE 2. Percent Distribution of Commodities, by Distance of Shipment: 1967--Continued

TCC code	Commodity	Number	Percent distribution by distance of shipment								Sampling vari- ability code ¹
			All dis- tances	Under 100 miles	100 to 199 miles	200 to 299 miles	300 to 499 miles	500 to 999 miles	1,000 to 1,499 miles	1,500 miles or over	
	TONS-MILES OF SHIPMENTS--Continued	(millions of ton-miles)									
357	Office, computing, and accounting machines.....	91	100.0	0.2	0.3	-	0.2	2.9	1.3	95.1	-
359	Miscellaneous machinery and parts (except electrical).....	30	100.0	1.0	.1	0.3	2.5	2.4	26.7	67.0	-
3599	Miscellaneous machinery and parts (except electrical).....	30	100.0	1.0	.1	.3	2.5	2.4	26.7	67.0	-
36	Electrical machinery and equipment.....	368	100.0	1.1	1.1	.7	4.5	8.1	14.6	69.9	-
3611	Electrical measuring instruments and test equipment.....	6	100.0	.2	.2	.2	2.1	12.5	14.2	70.6	-
362	Electrical industrial apparatus.....	54	100.0	.4	.4	.3	1.3	4.2	19.4	74.0	-
363	Household appliances.....	88	100.0	.8	.9	.9	6.1	12.0	19.9	59.4	-
364	Electric lighting and wiring equipment.	58	100.0	.7	1.0	.5	5.3	13.8	10.9	67.8	-
3642	Lighting fixtures.....	29	100.0	1.3	1.9	1.0	10.1	20.7	17.9	47.1	-
365	Radio and television receiving sets (except communication types), phono- graphs, and phonograph records.....	49	100.0	.3	.6	.1	3.5	7.1	16.0	72.4	-
3651	Radio and television receiving sets (except communication types), and phonographs.....	26	100.0	.4	1.1	.3	5.7	9.8	22.4	60.3	-
3652	Phonograph records, record blanks, and prerecorded tapes.....	23	100.0	.2	.1	-	1.1	4.2	9.0	85.4	-
366	Communication equipment.....	12	100.0	.1	.2	.1	2.3	2.8	8.8	85.7	-
3662	Radio and television transmitting, sig- naling, and detection equipment and apparatus.....	3	100.0	.3	.2	.2	6.4	1.9	19.3	71.7	-
367	Electronic components or accessories...	74	100.0	1.5	.1	1.5	3.2	3.3	9.2	81.2	-
3679	Miscellaneous electronic components and accessories.....	66	100.0	1.4	.1	1.7	3.5	3.4	10.2	79.7	-
37	Transportation equipment.....	847	100.0	1.0	1.7	1.8	15.0	28.4	18.2	33.9	-
371	Motor vehicles and motor vehicle equipment.....	632	100.0	1.1	1.9	2.2	18.0	30.9	21.2	24.7	-
3714	Motor vehicle parts and accessories....	31	100.0	.1	-	-	2.4	1.2	1.8	94.5	-
379	Miscellaneous transportation equipment.	24	100.0	2.3	3.7	3.1	22.1	37.6	16.7	14.5	-
38	Instruments, photographic goods, opti- cal goods, watches, and clocks.....	40	100.0	.2	.1	.2	1.5	1.7	16.7	79.6	-
382	Measuring, controlling, and indicating instruments.....	18	100.0	.1	-	.1	1.0	.9	14.3	83.6	-
3822	Automatic temperature controls.....	15	100.0	-	-	.2	.6	.3	13.2	85.7	-
39	Miscellaneous products of manufacturing.	164	100.0	.3	.2	.4	5.9	6.6	3.2	83.4	-
399	Miscellaneous manufactured products.....	27	100.0	1.1	1.2	1.7	17.1	33.3	5.8	39.8	-

¹Code letter indicates a sampling variability range as follows: a, 0-9 percent; b, 10-19 percent; c, 20-29 percent; and d, 30-50 percent. The variability for ton-miles has not been estimated.

TABLE 3. Percent Distribution of Commodities, by Geographic Division of Destination: 1967

TCC code	Commodity	Number	Percent distribution by geographic division ¹ of destination										Sampling variability code ³
			All means of transport	New England	Middle Atlantic	East North Central	West North Central	South Atlantic	East South Central	West South Central	Mountain	Pacific ²	
	TONS OF SHIPMENTS	(thous. of tons)											
	California, total.....	99,909	100.0	0.5	2.6	3.3	1.7	1.2	0.8	2.3	5.1	82.5	-
20	Food and kindred products.....	23,071	100.0	1.2	8.0	8.3	4.6	3.0	1.6	3.6	6.0	63.7	b
201	Meat, poultry, and small game; fresh, chilled or frozen.....	1,101	100.0	2.5	2.7	2.3	3.0	4.7	.5	.8	3.0	80.5	b
2011	Meat, fresh or chilled, not salted.....	460	100.0	-	1.0	2.7	-	1.2	-	.8	1.6	92.7	d
2013	Meat products.....	162	100.0	-	.1	.2	.6	.6	.6	2.9	4.8	90.2	c
2014	Animal byproducts, inedible.....	150	100.0	-	-	7.8	-	-	-	-	2.1	90.1	d
203	Canned and preserved fruits, vegetables, and seafoods.....	9,540	100.0	1.7	15.4	14.6	8.1	6.1	3.4	5.9	5.0	39.8	b
2033	Canned fruits and vegetables.....	6,484	100.0	1.7	17.5	15.9	8.4	6.3	3.6	6.3	5.5	34.8	c
2037	Frozen fruits, vegetables, fruit juices, and specialties.....	689	100.0	3.3	6.6	4.4	22.1	7.7	2.9	4.2	4.2	44.6	d
204	Grain mill products.....	3,368	100.0	.9	1.7	2.1	1.7	-	-	.8	5.0	87.8	d
207	Confectionery and related products.....	182	100.0	-	-	.1	3.9	.1	-	4.1	20.2	71.6	d
2071	Confectionery and related products.....	182	100.0	-	-	.1	3.9	.1	-	4.1	20.2	71.6	d
208	Beverages and flavoring extracts.....	3,318	100.0	1.5	4.3	5.1	1.1	.8	1.1	3.4	8.8	73.9	b
2082	Malt liquors.....	1,395	100.0	-	-	1.7	.6	-	1.7	2.0	14.1	79.9	b
2084	Wines, brandy, and brandy spirits.....	943	100.0	5.1	15.0	15.4	2.8	2.7	1.5	8.8	6.9	41.8	c
2086	Bottled and canned soft drinks and carbonated, mineral, and plain waters.	679	100.0	-	-	-	.1	-	-	.1	.3	99.5	d
209	Miscellaneous food preparations and kindred products.....	3,316	100.0	.5	3.3	2.8	.8	.8	.2	1.4	6.5	83.7	d
2093	Vegetable and nut oils and byproducts (except cottonseed and soybean).....	43	100.0	-	-	43.1	-	-	-	.2	-	56.7	d
233	Women's, misses', girls', and infants' clothing.....	16	100.0	2.8	12.0	7.6	5.7	25.6	3.5	7.5	5.7	29.6	c
2331	Women's, misses', girls', and infants' clothing.....	16	100.0	2.8	12.0	7.6	5.7	25.6	3.5	7.5	5.7	29.6	c
24	Lumber and wood products, except furniture.....	8,913	100.0	1.2	4.3	7.5	3.3	2.9	1.8	7.1	4.7	67.2	d
242	Lumber and dimension stock and miscellaneous sawmill and planing mill products.....	7,745	100.0	1.1	3.4	7.1	2.8	2.2	1.2	6.5	4.3	71.4	d
2421	Lumber and dimension stock.....	7,745	100.0	1.1	3.4	7.1	2.8	2.2	1.2	6.5	4.3	71.4	d
243	Millwork and prefabricated wood products, including plywood and veneer....	793	100.0	1.2	12.6	12.2	7.9	10.4	5.7	16.2	7.2	26.6	d
2499	Wood products, n.e.c.....	95	100.0	14.6	8.1	13.1	.1	4.5	17.6	-	-	42.0	d
25	Furniture and fixtures.....	246	100.0	.3	1.3	4.8	.7	2.0	.7	2.4	7.7	80.1	b
251	Household and office furniture.....	228	100.0	.1	1.1	4.9	.6	1.8	.7	2.3	7.3	81.2	b
2513	Couches, davenports, love seats, sofas, and settees.....	51	100.0	-	.4	.8	.1	.2	.1	.3	4.4	93.7	d
2516	Dressers, vanities, chests of drawers, and beds (except hospital beds).....	20	100.0	-	2.5	.2	-	-	.9	.1	10.9	85.4	d
26	Pulp, paper and allied products.....	2,568	100.0	-	.4	1.5	.5	.2	.1	1.8	8.8	86.7	b
263	Paperboard, fiberboard, and pulpboard (except insulating board).....	507	100.0	-	-	.4	-	-	-	3.7	6.8	89.1	c
2631	Paperboard, fiberboard, and pulpboard (except insulating board).....	507	100.0	-	-	.4	-	-	-	3.7	6.8	89.1	c
264	Converted paper and paperboard products (except containers and boxes).....	660	100.0	-	.9	4.2	.4	.7	-	1.8	12.4	79.6	d
2649	Miscellaneous converted paper products and paperboard products.....	124	100.0	-	1.7	3.7	.4	.6	-	.8	8.1	84.7	d
265	Containers, boxes and related products, paperboard, fiberboard, and pulpboard.	1,169	100.0	-	.5	.2	.8	-	-	1.2	9.0	88.3	c
2651	Containers, boxes, baskets, pallets and skids, paperboard, fiberboard, and pulpboard.....	956	100.0	-	.1	.2	-	-	-	.1	8.4	91.2	c
2654	Sanitary food containers.....	213	100.0	-	2.1	.1	4.2	-	-	6.3	11.7	75.6	d

See footnotes at end of table.

TABLE 3. Percent Distribution of Commodities, by Geographic Division of Destination: 1967--Continued

TCC code	Commodity	Number	Percent distribution by geographic division ¹ of destination										Sampling vari- ability code ³
			All means of trans- port	New Eng- land	Middle Atlantic	East North Central	West North Central	South Atlantic	East South Central	West South Central	Moun- tain	Paci- fic ²	
	TONS OF SHIPMENTS--Continued	(thous. of tons)											
28	Chemicals and allied products.....	8,178	100.0	0.1	1.1	1.8	0.5	0.5	0.3	0.6	5.7	89.4	c
281	Industrial chemicals.....	4,367	100.0	.1	.8	.8	.3	.6	.1	.3	4.4	92.6	d
2813	Industrial gases, compressed and liquified.....	466	100.0	-	-	-	-	-	-	.3	2.9	96.8	d
2818	Miscellaneous industrial organic chemicals.....	288	100.0	.6	10.3	8.6	3.0	5.3	-	.6	8.9	62.7	c
2819	Miscellaneous industrial inorganic chemicals.....	1,797	100.0	-	.2	.2	-	.2	-	-	4.0	95.4	d
282	Plastic materials and plasticizers, synthetic resins, rubbers, and fibers..	515	100.0	-	7.9	8.8	3.9	1.2	1.2	1.5	.9	74.6	d
2821	Plastic materials and plasticizers, synthetic resins, rubbers, and fibers..	515	100.0	-	7.9	8.8	3.9	1.2	1.2	1.5	.9	74.6	d
283	Drugs (biological products, medicinal chemicals, botanical products, and pharmaceutical preparations).....	88	100.0	.2	1.2	1.0	.7	1.0	.4	1.6	4.0	89.9	c
2831	Drugs (biological products, medicinal chemicals, botanical products, and pharmaceutical preparations).....	88	100.0	.2	1.2	1.0	.7	1.0	.4	1.6	4.0	89.9	c
284	Soap and detergents, cleaning prepara- tions, perfumes, cosmetics, and other toilet preparations.....	1,249	100.0	.3	.7	3.9	.4	.1	1.0	1.6	10.1	81.9	c
2841	Soap and other detergents (except spe- cially cleansers).....	902	100.0	.4	.8	4.5	.3	.1	.1	1.0	10.6	82.2	c
2844	Perfumes, cosmetics, and other toilet preparations.....	79	100.0	.1	.4	9.9	.5	.2	14.3	8.1	9.4	57.1	d
285	Paints, varnishes, lacquers, enamels, and allied products.....	352	100.0	-	.2	.6	.4	.7	-	.9	15.3	81.9	b
2851	Paints, varnishes, lacquers, enamels, and allied products.....	352	100.0	-	.2	.6	.4	.7	-	.9	15.3	81.9	b
289	Miscellaneous chemical products.....	1,389	100.0	-	-	.9	-	-	-	1.2	5.1	92.8	d
29	Petroleum and coal products.....	34,204	100.0	-	-	.2	-	.1	-	.1	3.4	96.2	c
291	Products of petroleum refining.....	30,312	100.0	-	-	.2	-	.1	-	.1	3.2	96.4	c
2911	Products of petroleum refining (except liquefied petroleum gases and petro- leum coke and breeze).....	29,848	100.0	-	-	.2	-	-	-	.1	3.2	96.5	c
2912	Liquefied petroleum and coal gases.....	463	100.0	-	-	-	-	5.7	-	-	.5	93.8	b
295	Paving and roofing materials.....	1,642	100.0	-	-	-	-	-	-	-	12.4	87.6	b
2951	Paving mixtures and blocks.....	618	100.0	-	-	-	-	-	-	-	8.2	91.8	c
2952	Asphalt felt and coatings.....	1,024	100.0	-	-	-	-	-	-	-	14.9	85.1	c
30	Rubber and miscellaneous plastics products.....	727	100.0	.5	1.6	6.4	4.4	2.6	1.5	9.0	9.2	64.8	b
301	Tires and inner tubes.....	364	100.0	.1	.1	4.1	5.5	2.2	.9	10.2	12.7	64.2	c
3011	Tires and inner tubes.....	364	100.0	.1	.1	4.1	5.5	2.2	.9	10.2	12.7	64.2	c
306	Miscellaneous fabricated rubber products.....	53	100.0	.7	6.3	8.8	3.4	1.7	3.8	10.6	10.8	53.9	d
3061	Miscellaneous fabricated rubber products.....	53	100.0	.7	6.3	8.8	3.4	1.7	3.8	10.6	10.8	53.9	d
307	Miscellaneous plastic products.....	280	100.0	1.0	2.7	9.0	3.7	3.7	2.2	8.2	5.3	64.2	c
3071	Miscellaneous plastic products.....	280	100.0	1.0	2.7	9.0	3.7	3.7	2.2	8.2	5.3	64.2	c
32	Stone, clay, and glass products.....	11,073	100.0	-	.1	.4	.7	.1	-	.7	4.5	93.5	b
322	Glass and glassware, pressed and blown..	1,046	100.0	.1	.1	.1	.1	.1	.1	.1	8.0	91.3	b
3221	Glass containers, caps and covers.....	1,014	100.0	.1	-	.1	.1	.1	.1	.1	8.1	91.3	b
324	Hydraulic cement.....	6,231	100.0	-	-	-	.2	-	-	-	2.8	97.0	c
3241	Hydraulic cement.....	6,231	100.0	-	-	-	.2	-	-	-	2.8	97.0	c
325	Structural clay products.....	626	100.0	-	-	.1	.2	-	-	.1	4.7	94.9	d
3251	Brick and structural clay tile.....	274	100.0	-	-	-	-	-	-	-	1.7	98.3	d
3253	Ceramic wall and floor tile.....	49	100.0	-	-	1.0	2.0	.1	-	.8	4.1	92.0	d

See footnotes at end of table.

TABLE 3. Percent Distribution of Commodities, by Geographic Division of Destination: 1967--Continued

TCC code	Commodity	Number	Percent distribution by geographic division ¹ of destination										Sampling variability code ³
			All means of transport	New England	Middle Atlantic	East North Central	West North Central	South Atlantic	East South Central	West South Central	Mountain	Pacific ²	
	TONS OF SHIPMENTS--Continued	(thous. of tons)											
326	Pottery and related products.....	47	100.0	2.1	5.5	8.0	5.9	8.0	1.8	7.7	10.1	50.9	d
3269	Miscellaneous pottery products.....	15	100.0	5.6	12.6	16.1	10.8	9.6	2.5	10.8	4.9	27.1	d
327	Concrete, gypsum, plaster, and plaster products.....	2,359	100.0	-	.1	-	-	-	-	-	5.9	94.0	c
3271	Concrete products.....	1,763	100.0	-	-	-	-	-	-	-	5.2	94.8	d
3275	Gypsum products.....	596	100.0	-	.2	-	-	-	-	-	7.9	91.9	d
329	Abrasives, asbestos, and miscellaneous nonmetallic mineral products.....	565	100.0	.6	1.5	6.7	11.2	1.5	.5	10.7	10.9	56.4	d
3293	Steam and other packing and pipe and boiler covering.....	1	100.0	1.0	2.0	3.5	1.0	3.2	1.2	3.7	2.3	82.1	d
33	Primary metal products.....	4,440	100.0	.2	1.5	2.1	1.7	.5	.2	2.9	6.6	84.3	b
331	Steel works and rolling mill products..	3,377	100.0	.1	1.1	.3	-	.4	-	1.5	6.1	90.5	b
3312	Primary iron and steel products (except coke-oven products).....	3,197	100.0	.1	1.2	.3	-	.4	-	1.6	6.1	90.3	b
335	Nonferrous metal basic shapes.....	334	100.0	-	3.5	9.2	.9	1.9	1.5	6.0	10.5	66.5	c
3352	Aluminum and aluminum base alloy basic shapes (except aluminum foil).....	120	100.0	.1	8.2	13.6	1.4	3.8	2.4	5.1	.8	64.6	b
3357	Nonferrous wire (including insulated wire).....	167	100.0	-	1.1	6.9	.7	.9	.5	6.2	19.0	64.7	d
336	Nonferrous and nonferrous base alloy castings.....	18	100.0	-	.2	23.8	8.4	10.3	-	5.3	1.7	50.3	d
3361	Aluminum and aluminum base alloy castings.....	12	100.0	-	.2	34.5	12.3	8.9	-	7.2	.5	36.4	d
3391	Iron and steel forgings.....	20	100.0	4.1	8.5	3.6	.6	.4	.3	32.1	1.6	48.8	d
3392	Nonferrous forgings.....	17	100.0	11.0	10.5	12.8	4.1	8.5	7.6	10.4	1.3	33.8	c
34	Fabricated metal products.....	2,868	100.0	.2	.8	1.4	1.9	.9	4.8	6.8	6.0	77.2	b
341	Metal cans.....	589	100.0	-	.2	1.9	-	-	.1	.5	4.0	93.3	b
3411	Metal cans.....	589	100.0	-	.2	1.9	-	-	.1	.5	4.0	93.3	b
3429	Miscellaneous hardware.....	1	100.0	4.4	6.6	13.9	2.2	21.6	.3	2.0	3.4	45.6	d
343	Plumbing fixtures and heating apparatus (except electric).....	107	100.0	.9	1.7	5.0	3.6	3.9	.3	10.4	8.1	66.1	d
344	Structural and miscellaneous metal products.....	926	100.0	.3	.4	.6	.4	1.1	.1	1.1	5.3	90.7	c
3441	Structural metal products.....	478	100.0	-	-	.1	.1	.4	.1	.2	1.3	97.8	c
3443	Fabricated plate products (boiler shop products).....	67	100.0	-	.3	.2	1.9	.2	-	.1	.8	96.5	d
3449	Miscellaneous metal work.....	232	100.0	-	.1	-	-	.3	-	2.6	9.2	87.8	d
346	Metal stampings.....	77	100.0	.1	.6	2.3	1.3	.1	.1	3.1	.9	91.5	b
3461	Metal stampings.....	77	100.0	.1	.6	2.3	1.3	.1	.1	3.1	.9	91.5	b
348	Miscellaneous fabricated wire products.	102	100.0	-	-	-	-	.1	1.9	9.9	5.3	82.8	d
3481	Miscellaneous fabricated wire products.	102	100.0	-	-	-	-	.1	1.9	9.9	5.3	82.8	d
349	Miscellaneous fabricated metal products	662	100.0	-	.8	1.5	5.8	1.3	19.3	22.3	6.0	43.0	c
3494	Valves and pipe fittings (except plumbers' brass goods and fittings).....	576	100.0	-	.1	1.6	6.4	1.3	20.9	24.8	5.9	39.0	c
3499	Fabricated metal products, n.e.c.....	76	100.0	-	6.0	1.3	1.0	1.0	9.7	5.5	7.5	68.0	d
35	Machinery, except electrical.....	771	100.0	1.2	5.6	16.6	1.4	1.9	2.0	7.3	5.8	58.2	d
351	Engines and turbines.....	8	100.0	1.1	2.1	79.7	1.8	.7	1.6	6.9	1.5	4.6	c
3519	Miscellaneous internal combustion engines.....	8	100.0	1.1	2.1	79.8	1.8	.7	1.6	6.9	1.5	4.5	c
353	Construction, mining, and materials handling machinery and equipment.....	140	100.0	.5	1.9	1.3	2.0	1.2	1.7	14.4	9.1	67.9	d
3531	Construction machinery and equipment...	13	100.0	5.0	14.9	7.3	16.4	1.1	.8	5.4	7.8	41.3	b
3533	Oil field machinery and equipment.....	41	100.0	-	.1	.1	1.4	-	.1	33.9	9.9	54.5	d
3544	Special dies and tools, die sets, jigs, fixtures and industrial molds and patterns.....	4	100.0	-	1.8	1.7	1.7	1.3	2.0	43.1	7.2	41.2	d
356	General industrial machinery and equipment.....	118	100.0	.6	8.3	43.1	3.1	3.2	2.5	14.8	2.3	22.1	d

See footnotes at end of table.

TABLE 3. Percent Distribution of Commodities, by Geographic Division of Destination: 1967--Continued

TCC code	Commodity	Number	Percent distribution by geographic division ¹ of destination										Sampling variability code ³
			All means of transport	New England	Middle Atlantic	East North Central	West North Central	South Atlantic	East South Central	West South Central	Mountain	Pacific ²	
	TONS OF SHIPMENTS--Continued	(thous. of tons)											
357	Office, computing, and accounting machines.....	49	100.0	8.6	34.1	14.9	1.6	11.1	5.8	3.8	1.4	18.7	c
359	Miscellaneous machinery and parts (except electrical).....	25	100.0	4.0	18.1	7.1	2.3	2.1	3.9	17.7	4.9	39.9	d
3599	Miscellaneous machinery and parts (except electrical).....	25	100.0	4.0	18.1	7.1	2.3	2.1	3.9	17.7	4.9	39.9	d
36	Electrical machinery and equipment.....	393	100.0	3.4	6.2	8.8	3.3	3.9	4.5	12.1	8.1	49.7	b
3611	Electrical measuring instruments and test equipment.....	5	100.0	3.2	13.4	11.9	5.3	6.8	4.6	9.2	23.1	22.5	d
362	Electrical industrial apparatus.....	38	100.0	14.7	5.1	11.2	2.0	8.6	6.8	20.7	6.0	24.9	b
363	Household appliances.....	101	100.0	2.0	3.5	5.2	2.5	1.4	8.6	20.3	6.9	49.6	d
364	Electric lighting and wiring equipment.....	64	100.0	.3	2.5	14.8	4.0	3.8	3.1	7.2	10.4	53.9	d
3642	Lighting fixtures.....	46	100.0	.4	2.0	4.4	3.9	1.3	.2	7.9	13.5	66.4	d
365	Radio and television receiving sets (except communication types), phonographs, and phonograph records.....	40	100.0	6.5	8.0	7.8	2.9	9.0	4.0	16.2	12.3	33.3	b
3651	Radio and television receiving sets (except communication types), and phonographs.....	25	100.0	.7	4.9	9.1	2.2	6.5	2.5	19.1	16.7	38.3	b
3652	Phonograph records, record blanks, and prerecorded tapes.....	15	100.0	16.4	13.4	5.7	4.0	13.2	6.6	11.4	4.8	24.5	d
366	Communication equipment.....	8	100.0	1.3	8.6	19.6	7.5	13.0	11.1	6.9	4.7	27.3	c
3662	Radio and television transmitting, signaling, and detection equipment and apparatus.....	2	100.0	4.2	13.9	3.4	.5	12.9	-	10.9	2.4	51.8	c
367	Electronic components or accessories...	74	100.0	3.1	16.3	10.1	3.8	2.7	1.4	6.6	4.3	51.7	d
3679	Miscellaneous electronic components and accessories.....	65	100.0	2.0	17.9	10.7	4.3	2.4	.5	7.4	4.4	50.4	d
37	Transportation equipment.....	1,351	100.0	.2	.7	1.5	2.1	4.5	.3	8.9	12.9	68.9	a
371	Motor vehicles and motor vehicle equipment.....	1,095	100.0	.2	.7	1.7	1.7	1.1	.4	9.4	13.4	71.4	a
3714	Motor vehicle parts and accessories....	17	100.0	-	1.7	32.1	1.5	40.0	1.6	2.7	2.4	18.0	d
379	Miscellaneous transportation equipment.....	52	100.0	-	.2	1.0	2.1	.2	.3	5.4	12.4	78.4	d
38	Instruments, photographic goods, optical goods, watches, and clocks.....	26	100.0	2.8	20.8	20.1	4.0	6.5	4.6	18.8	2.4	20.0	c
382	Measuring, controlling, and indicating instruments.....	11	100.0	.7	30.2	17.7	6.9	4.9	10.2	15.8	1.3	12.3	b
3822	Automatic temperature controls.....	9	100.0	.6	32.5	19.6	7.4	4.1	12.4	11.6	1.4	10.4	b
39	Miscellaneous products of manufacturing.....	142	100.0	2.0	18.2	13.8	1.2	4.1	1.4	6.5	4.2	48.6	b
399	Miscellaneous manufactured products....	48	100.0	-	.7	2.0	1.3	1.9	-	9.5	9.2	75.4	d

See footnotes at end of table.

TABLE 3. Percent Distribution of Commodities, by Geographic Division of Destination: 1967--Continued

TCC code	Commodity	Number	Percent distribution by geographic division ¹ of destination										Sampling variability code ³
			All means of transport	New England	Middle Atlantic	East North Central	West North Central	South Atlantic	East South Central	West South Central	Mountain	Pacific ²	
	TON-MILES OF SHIPMENTS	(millions of ton-miles)											
	California, total.....	47,148	100.0	2.6	13.3	13.3	5.5	5.8	3.0	6.8	5.8	43.9	-
20	Food and kindred products.....	17,299	100.0	4.3	25.9	20.8	9.1	8.9	3.8	6.0	4.6	16.6	-
201	Meat, poultry, and small game; fresh, chilled or frozen.....	495	100.0	14.4	14.6	9.4	9.4	23.0	2.2	2.1	2.9	22.0	-
2011	Meat, fresh or chilled, not salted.....	99	100.0	-	11.3	24.0	-	12.1	-	5.5	2.3	44.8	-
2013	Meat products.....	41	100.0	-	1.2	1.1	3.2	4.8	3.9	12.0	9.2	64.6	-
2014	Animal byproducts, inedible.....	34	100.0	-	.1	59.3	-	-	-	-	3.4	37.2	-
203	Canned and preserved fruits, vegetables, and seafoods.....	11,584	100.0	3.7	30.8	22.2	9.9	11.2	4.9	5.7	2.5	9.1	-
2033	Canned fruits and vegetables.....	8,238	100.0	3.6	33.2	23.1	9.9	10.9	4.9	5.4	2.6	6.4	-
2037	Frozen fruits, vegetables, fruit juices, and specialties.....	750	100.0	8.0	14.9	7.8	29.5	16.7	4.8	5.8	2.4	10.1	-
204	Grain mill products.....	1,004	100.0	7.4	13.8	13.6	9.5	-	-	3.6	10.1	42.0	-
207	Confectionery and related products.....	94	100.0	-	.1	.3	10.9	.7	-	10.9	24.9	52.2	-
2071	Confectionery and related products.....	94	100.0	-	.1	.3	10.9	.7	-	10.9	24.9	52.2	-
208	Beverages and flavoring extracts.....	1,768	100.0	7.2	19.7	18.5	2.9	3.4	4.0	9.2	8.7	26.4	-
2082	Malt liquors.....	506	100.0	-	-	8.7	2.5	-	8.7	7.8	20.0	52.3	-
2084	Wines, brandy, and brandy spirits.....	1,138	100.0	11.0	30.5	24.9	3.3	5.3	2.3	10.6	3.3	8.8	-
2086	Bottled and canned soft drinks and carbonated, mineral, and plain waters.	25	100.0	2.5	-	1.1	5.8	-	-	4.1	2.8	83.7	-
209	Miscellaneous food preparations and kindred products.....	1,285	100.0	3.6	21.3	13.4	3.1	4.7	1.1	5.0	8.2	39.6	-
2093	Vegetable and nut oils and byproducts (except cottonseed and soybean).....	40	100.0	-	-	83.0	-	-	-	.3	-	16.7	-
233	Women's, misses', girls', and infants' clothing.....	22	100.0	5.3	20.9	10.2	6.2	37.6	4.5	7.1	2.5	5.7	-
2331	Women's, misses', girls', and infants' clothing.....	22	100.0	5.3	20.9	10.2	6.2	37.6	4.5	7.1	2.5	5.7	-
24	Lumber and wood products, except furniture.....	7,473	100.0	3.8	12.4	17.1	6.1	8.2	4.3	13.5	4.2	30.4	-
242	Lumber and dimension stock and miscellaneous sawmill and planing mill products.....	6,100	100.0	3.7	10.6	17.3	5.5	6.8	3.4	13.3	4.2	35.2	-
2421	Lumber and dimension stock.....	6,100	100.0	3.7	10.6	17.3	5.5	6.8	3.4	13.3	4.2	35.2	-
243	Millwork and prefabricated wood products, including plywood and veneer.....	1,112	100.0	2.1	21.5	16.1	7.9	16.9	7.6	17.5	3.5	6.9	-
2499	Wood products, n.e.c.....	123	100.0	28.3	14.9	18.3	.1	7.2	26.2	-	-	5.0	-
25	Furniture and fixtures.....	101	100.0	1.7	7.4	23.2	2.5	10.8	2.9	7.8	8.4	35.3	-
251	Household and office furniture.....	91	100.0	.3	6.6	24.4	2.2	10.4	3.2	7.5	7.9	37.5	-
2513	Couches, davenports, love seats, sofas, and settees.....	15	100.0	-	2.9	5.0	.5	1.7	.6	1.7	6.2	81.4	-
2516	Dressers, vanities, chests of drawers, and beds (except hospital beds).....	6	100.0	-	20.6	.9	-	-	5.2	.4	15.3	57.6	-
26	Pulp, paper, and allied products.....	812	100.0	-	3.4	8.9	2.3	1.4	-	7.2	16.4	60.4	-
263	Paperboard, fiberboard, and pulpboard (except insulating board).....	153	100.0	-	.1	2.6	-	-	-	17.6	14.5	65.2	-
2631	Paperboard, fiberboard, and pulpboard (except insulating board).....	153	100.0	-	.1	2.6	-	-	-	17.6	14.5	65.2	-
264	Converted paper and paperboard products (except containers and boxes).....	305	100.0	.1	4.7	16.6	1.4	3.7	-	3.4	17.9	52.2	-
2649	Miscellaneous converted paper products and paperboard products.....	69	100.0	.1	7.4	12.5	1.1	2.6	.1	1.8	9.2	65.3	-
265	Containers, boxes and related products, paperboard, fiberboard, and pulpboard.	283	100.0	-	4.5	1.6	4.7	.2	.1	7.3	19.1	62.5	-
2651	Containers, boxes, baskets, pallets and skids, paperboard, fiberboard, and pulpboard.....	162	100.0	-	1.2	2.7	.2	.3	.1	.6	25.0	69.9	-
2654	Sanitary food containers.....	121	100.0	-	9.0	.2	10.6	-	.1	16.3	11.2	52.6	-

See footnotes at end of table.

TABLE 3. Percent Distribution of Commodities, by Geographic Division of Destination: 1967--Continued

TCC code	Commodity	Number	Percent distribution by geographic division ¹ of destination										Sampling variability code ³
			All means of transport	New England	Middle Atlantic	East North Central	West North Central	South Atlantic	East South Central	West South Central	Mountain	Pacific ²	
	TON-MILES OF SHIPMENTS--Continued	(millions of ton-miles)											
28	Chemicals and allied products.....	2,292	100.0	0.7	9.3	12.0	2.6	3.4	1.6	3.8	10.2	56.4	-
281	Industrial chemicals.....	915	100.0	.6	9.9	7.8	2.0	5.9	.5	1.8	10.2	61.3	-
2813	Industrial gases, compressed and liquefied.....	45	100.0	-	-	-	-	-	-	1.9	13.7	84.4	-
2818	Miscellaneous industrial organic chemicals.....	280	100.0	1.7	25.7	16.6	4.1	10.7	-	.7	4.5	36.0	-
2819	Miscellaneous industrial inorganic chemicals.....	279	100.0	-	3.1	2.5	-	3.0	-	-	7.4	84.0	-
282	Plastic materials and plasticizers, synthetic resins, rubbers, and fibers.	277	100.0	-	34.3	27.6	11.0	5.0	4.0	3.6	.8	13.7	-
2821	Plastic materials and plasticizers, synthetic resins, rubbers, and fibers.	277	100.0	-	34.3	27.6	11.0	5.0	4.0	3.6	.8	13.7	-
283	Drugs (biological products, medicinal chemicals, botanical products, and pharmaceutical preparations).....	33	100.0	1.2	7.6	5.0	2.9	5.3	1.7	5.1	7.6	63.6	-
2831	Drugs (biological products, medicinal chemicals, botanical products, and pharmaceutical preparations).....	33	100.0	1.2	7.6	5.0	2.9	5.3	1.7	5.1	7.6	63.6	-
284	Soap and detergents, cleaning preparations, perfumes, cosmetics, and other toilet preparations.....	511	100.0	1.9	4.2	18.6	1.3	.5	3.9	4.2	11.4	54.0	-
2841	Soap and other detergents (except specialty cleansers).....	325	100.0	2.9	5.6	24.5	1.2	.6	.5	2.3	13.0	49.4	-
2844	Perfumes, cosmetics, and other toilet preparations.....	58	100.0	.2	1.4	23.7	1.0	.7	31.2	13.5	5.9	22.4	-
285	Paints, varnishes, lacquers, enamels, and allied products.....	128	100.0	.3	1.6	3.0	1.5	4.3	.2	3.3	21.9	63.9	-
2851	Paints, varnishes, lacquers, enamels, and allied products.....	128	100.0	.3	1.6	3.0	1.5	4.3	.2	3.3	21.9	63.9	-
289	Miscellaneous chemical products.....	390	100.0	.2	.3	6.6	.2	.4	-	8.4	11.5	72.4	-
29	Petroleum and coal products.....	11,254	100.0	.2	.3	1.3	-	.5	-	.3	5.1	92.3	-
291	Products of petroleum refining.....	10,909	100.0	.2	.3	1.0	-	.5	-	.3	4.5	93.2	-
2911	Products of petroleum refining (except liquefied petroleum gases and petroleum coke and breeze).....	10,810	100.0	.3	.3	1.0	-	-	-	.3	4.5	93.6	-
2912	Liquefied petroleum and coal gases.....	99	100.0	-	-	-	-	54.4	-	-	.8	44.8	-
295	Paving and roofing materials.....	285	100.0	-	-	-	-	-	-	-	29.3	70.7	-
2951	Paving mixtures and blocks.....	57	100.0	-	-	-	-	-	-	-	22.5	77.5	-
2952	Asphalt felt and coatings.....	227	100.0	-	-	-	-	-	-	-	31.0	69.0	-
30	Rubber and miscellaneous plastics products.....	452	100.0	1.9	6.0	19.4	10.3	8.5	4.2	18.2	8.4	23.1	-
301	Tires and inner tubes.....	217	100.0	.4	.5	14.4	13.3	7.1	2.4	22.1	12.7	27.1	-
3011	Tires and inner tubes.....	217	100.0	.4	.5	14.4	13.3	7.1	2.4	22.1	12.7	27.1	-
306	Miscellaneous fabricated rubber products.....	45	100.0	2.1	17.8	18.5	6.0	4.1	8.0	15.6	6.5	21.4	-
3061	Miscellaneous fabricated rubber products.....	45	100.0	2.1	17.8	18.5	6.0	4.1	8.0	15.6	6.5	21.4	-
307	Miscellaneous plastic products.....	183	100.0	3.7	9.9	24.6	8.0	11.6	5.7	14.9	4.1	17.5	-
3071	Miscellaneous plastic products.....	183	100.0	3.7	9.9	24.6	8.0	11.6	5.7	14.9	4.1	17.5	-
32	Stone, clay, and glass products.....	1,592	100.0	.7	1.9	5.0	7.2	1.3	.5	6.2	12.5	64.2	-
322	Glass and glassware, pressed and blown.	213	100.0	.8	.9	.9	.7	1.0	.6	.4	24.3	70.4	-
3221	Glass containers, caps and covers.....	207	100.0	.8	.6	.9	.7	1.0	.6	.4	24.7	70.3	-
324	Hydraulic cement.....	513	100.0	-	-	-	2.6	-	-	.5	7.9	89.0	-
3241	Hydraulic cement.....	513	100.0	-	-	-	2.6	-	-	.5	7.9	89.0	-
325	Structural clay products.....	115	100.0	-	-	.7	1.1	.1	-	.4	9.0	88.7	-
3251	Brick and structural clay tile.....	30	100.0	-	-	-	-	-	-	-	5.5	94.5	-
3253	Ceramic wall and floor tile.....	23	100.0	.1	.2	3.5	5.5	.4	-	1.9	3.9	84.5	-

See footnotes at end of table.

TABLE 3. Percent Distribution of Commodities, by Geographic Division of Destination: 1967--Continued

TCC code	Commodity	Number	Percent distribution by geographic division ¹ of destination										Sampling variability code ³
			All means of transport	New England	Middle Atlantic	East North Central	West North Central	South Atlantic	East South Central	West South Central	Mountain	Pacific ²	
	TON-MILES OF SHIPMENTS--Continued	(millions of ton-miles)											
326	Pottery and related products.....	45	100.0	5.5	13.6	15.0	9.3	17.7	3.5	11.3	5.5	18.6	-
3269	Miscellaneous pottery products.....	22	100.0	9.9	21.1	20.5	11.5	14.5	3.3	10.4	2.3	6.5	-
327	Concrete, gypsum, plaster, and plaster products.....	252	100.0	-	1.4	-	-	-	-	.1	22.0	76.5	-
3271	Concrete products.....	131	100.0	-	.1	-	-	-	-	-	25.9	74.0	-
3275	Gypsum products.....	121	100.0	-	2.8	-	-	-	-	.2	17.8	79.2	-
329	Abrasives, asbestos, and miscellaneous nonmetallic mineral products.....	428	100.0	1.8	4.3	15.5	22.2	4.2	1.2	19.2	8.6	23.0	-
3293	Steam and other packing and pipe and boiler covering.....	-	-	-	-	-	-	-	-	-	-	-	-
33	Primary metal products.....	1,777	100.0	1.3	8.8	10.0	6.0	2.7	.8	10.0	8.2	52.2	-
331	Steel works and rolling mill products..	977	100.0	1.2	9.4	2.1	.1	2.8	-	7.0	9.9	67.5	-
3312	Primary iron and steel products (except coke-oven products).....	918	100.0	1.2	10.0	2.2	.1	3.0	-	7.4	10.0	66.1	-
335	Nonferrous metal basic shapes.....	223	100.0	.2	12.7	24.7	1.9	6.0	3.9	11.5	11.8	27.3	-
3352	Aluminum and aluminum base alloy basic shapes (except aluminum foil).....	94	100.0	.2	24.9	31.4	2.2	10.5	5.1	7.5	.6	17.6	-
3357	Nonferrous wire (including insulated wire).....	104	100.0	.2	4.6	19.9	2.1	3.0	1.2	13.0	22.9	33.1	-
336	Nonferrous and nonferrous base alloy castings.....	17	100.0	.1	.5	47.3	10.3	21.5	-	6.7	1.3	12.3	-
3361	Aluminum and aluminum base alloy castings.....	14	100.0	-	.4	57.9	12.6	15.6	-	7.7	.3	5.5	-
3391	Iron and steel forgings.....	19	100.0	10.9	21.6	7.3	1.0	1.1	.6	44.8	1.1	11.6	-
3392	Nonferrous forgings.....	23	100.0	20.3	18.7	17.2	4.1	13.7	10.2	9.2	.4	6.2	-
34	Fabricated metal products.....	1,397	100.0	.8	4.1	5.3	6.5	4.4	18.2	21.1	7.1	32.5	-
341	Metal cans.....	101	100.0	-	3.2	21.4	.2	-	1.4	3.9	11.6	58.3	-
3411	Metal cans.....	101	100.0	-	3.2	21.4	.2	-	1.4	3.9	11.6	58.3	-
3429	Miscellaneous hardware.....	1	100.0	9.8	13.5	22.0	2.9	35.9	.7	2.4	1.7	11.1	-
343	Plumbing fixtures and heating apparatus (except electric).....	67	100.0	3.9	6.5	15.4	8.3	13.4	.9	21.7	7.7	22.2	-
344	Structural and miscellaneous metal products.....	253	100.0	2.8	3.6	3.6	2.5	8.8	.6	5.6	10.2	62.3	-
3441	Structural metal products.....	71	100.0	-	.4	1.1	1.4	6.8	1.7	2.3	5.2	81.1	-
3443	Fabricated plate products (boiler shop products).....	23	100.0	-	2.1	1.0	8.8	1.3	-	.4	1.4	85.0	-
3449	Miscellaneous metal work.....	70	100.0	-	.8	-	-	2.5	-	12.6	16.9	67.2	-
346	Metal stampings.....	15	100.0	.8	7.3	20.9	9.7	.6	.5	11.4	2.7	46.1	-
3461	Metal stampings.....	15	100.0	.8	7.3	20.9	9.7	.6	.5	11.4	2.7	46.1	-
348	Miscellaneous fabricated wire products.	57	100.0	-	-	-	-	.5	5.5	24.1	7.3	62.6	-
3481	Miscellaneous fabricated wire products.	57	100.0	-	-	-	-	.5	5.5	24.1	7.3	62.6	-
349	Miscellaneous fabricated metal products	679	100.0	-	1.9	2.8	9.7	2.9	35.1	34.2	3.5	9.9	-
3494	Valves and pipe fittings (except plumbers' brass goods and fittings).....	624	100.0	-	.3	2.7	10.3	2.9	36.1	36.4	3.3	8.0	-
3499	Fabricated metal products, n.e.c.....	52	100.0	.1	21.2	3.4	2.3	3.3	25.2	9.6	6.5	28.4	-
35	Machinery, except electrical.....	661	100.0	3.5	15.6	36.3	2.4	4.9	4.2	11.2	2.7	19.2	-
351	Engines and turbines.....	14	100.0	1.6	2.9	84.0	1.5	.9	1.6	5.2	.5	1.8	-
3519	Miscellaneous internal combustion engines.....	14	100.0	1.6	2.9	84.0	1.5	.9	1.6	5.2	.5	1.8	-
353	Construction, mining, and materials handling machinery and equipment.....	102	100.0	1.7	6.2	3.2	3.8	3.7	4.4	27.7	7.2	42.1	-
3531	Construction machinery and equipment...	17	100.0	9.7	27.3	9.9	18.5	1.7	1.1	4.7	3.1	24.0	-
3533	Oil field machinery and equipment.....	29	100.0	-	.2	.4	2.1	.1	.1	66.0	7.5	23.6	-
3544	Special dies and tools, die sets, jigs, fixtures, and industrial molds and patterns.....	3	100.0	-	5.1	4.0	2.9	3.3	4.4	70.0	4.9	5.4	-
356	General industrial machinery and equipment.....	171	100.0	1.0	13.5	56.2	3.2	4.9	2.9	12.2	.9	5.2	-

See footnotes at end of table.

TABLE 3. Percent Distribution of Commodities, by Geographic Division of Destination: 1967--Continued

TCC code	Commodity	Number	Percent distribution by geographic division ¹ of destination										Sampling variability code ³
			All means of transport	New England	Middle Atlantic	East North Central	West North Central	South Atlantic	East South Central	West South Central	Mountain	Pacific ²	
	TON-MILES OF SHIPMENTS--Continued	(millions of ton-miles)											
357	Office, computing, and accounting machines.....	91	100.0	12.0	44.5	15.0	1.4	14.2	6.2	3.1	0.6	3.0	-
359	Miscellaneous machinery and parts (except electrical).....	30	100.0	8.8	34.9	10.6	2.7	3.8	6.7	21.1	1.9	9.5	-
3599	Miscellaneous machinery and parts (except electrical).....	30	100.0	8.8	34.9	10.6	2.7	3.8	6.7	21.1	1.9	9.5	-
36	Electrical machinery and equipment.....	368	100.0	9.1	16.0	17.4	5.3	9.3	8.4	16.8	4.7	13.0	-
3611	Electrical measuring instruments and test equipment.....	6	100.0	6.3	25.1	16.4	6.2	11.6	6.3	9.0	15.1	4.0	-
362	Electrical industrial apparatus.....	54	100.0	25.7	8.6	14.6	2.1	13.2	9.2	19.5	2.3	4.8	-
363	Household appliances.....	88	100.0	5.7	9.4	11.4	4.1	3.3	16.3	29.9	4.7	15.2	-
364	Electric lighting and wiring equipment.....	58	100.0	1.0	6.5	30.8	6.7	9.4	5.8	10.9	7.4	21.5	-
3642	Lighting fixtures.....	29	100.0	1.5	7.3	12.4	9.1	4.3	.6	16.1	13.2	35.5	-
365	Radio and television receiving sets (except communication types), phonographs, and phonograph records.....	49	100.0	13.4	15.9	11.8	3.6	17.0	5.9	16.6	5.2	10.6	-
3651	Radio and television receiving sets (except communication types), and phonographs.....	26	100.0	1.8	11.6	16.3	3.3	14.5	4.5	23.4	8.1	16.5	-
3652	Phonograph records, record blanks, and prerecorded tapes.....	23	100.0	26.2	20.5	6.9	3.9	19.6	7.4	9.2	2.1	4.2	-
366	Communication equipment.....	12	100.0	2.2	13.0	22.9	7.1	19.3	13.4	6.1	1.9	14.1	-
3662	Radio and television transmitting, signaling, and detection equipment and apparatus.....	3	100.0	9.0	28.5	5.3	.6	24.1	-	11.5	1.0	20.0	-
367	Electronic components or accessories...	74	100.0	8.3	39.3	18.5	5.9	6.2	2.6	8.6	2.3	8.3	-
3679	Miscellaneous electronic components and accessories.....	66	100.0	5.2	42.3	19.1	6.6	5.4	.8	9.5	2.2	8.9	-
37	Transportation equipment.....	847	100.0	.6	2.5	4.4	4.6	15.5	.9	18.4	13.0	40.1	-
371	Motor vehicles and motor vehicle equipment.....	632	100.0	.7	2.7	5.4	3.8	4.4	1.1	21.1	14.9	45.9	-
3714	Motor vehicle parts and accessories....	31	100.0	-	2.2	33.2	1.3	54.0	1.6	2.0	.9	4.8	-
379	Miscellaneous transportation equipment.....	24	100.0	-	1.0	4.5	6.8	1.2	1.1	15.3	12.4	57.7	-
38	Instruments, photographic goods, optical goods, watches, and clocks.....	40	100.0	4.6	32.8	23.9	3.7	9.6	5.5	15.4	.9	3.6	-
382	Measuring, controlling, and indicating instruments.....	18	100.0	1.0	41.9	19.1	5.6	6.3	10.7	12.1	.4	2.9	-
3822	Automatic temperature controls.....	15	100.0	.8	44.3	20.5	5.9	5.0	12.7	8.3	.4	2.1	-
39	Miscellaneous products of manufacturing.....	164	100.0	4.5	38.3	22.2	1.5	7.8	2.1	8.1	2.2	13.3	-
399	Miscellaneous manufactured products....	27	100.0	-	3.0	6.8	3.5	7.4	-	25.6	9.5	44.2	-

¹For States included in the geographic divisions, see map on inside cover.

²Shipments to Alaska and Hawaii from the 48 conterminous States and the District of Columbia are included; no data were obtained for shipments originating in Alaska and Hawaii.

³Code letter indicates a sampling variability range as follows: a, 0-9 percent; b, 10-19 percent; c, 20-29 percent; and d, 30-50 percent. The variability for ton-miles has not been estimated.

CONNECTICUT

SUMMARY

The estimates of tons and ton-miles are based on reports from a sample of manufacturing establishments located in the State of Connecticut. The total tons and ton-miles represent the total intercity shipments by essentially all manufacturing establishments in the State, except for plants with less than 20 employees. However, since the data are based on a sample, the estimates necessarily are subject to "sampling variability."

The approximate degree of sampling variability for tons for each commodity or commodity class is indicated in the last column of tables 1 to 3. In general, most of the commodity data in this report are subject to substantial sampling variability and should be treated as approximate rather than precise measures.

About 4.6 million tons of commodities were shipped by plants in this State to destinations

beyond the local area. These shipments generated 2.2 billion ton-miles by all means of transport combined, and averaged about 484 straight-line miles per ton shipped.

Table B indicates that 33 percent of tons moved less than 100 miles and that mileage block accounts for 4 percent of the ton-miles

Motor carrier is the major means of transport, accounting for over 62 percent of the total tons. When measured in terms of ton-miles rather than tons, motor carrier is still dominant, accounting for 51 percent of the ton-miles.

As shown in table C, almost 58 percent of total tons shipped by plants in Connecticut remained in the Northeast.

Table A. PERCENT DISTRIBUTION OF SHIPMENTS, AND AVERAGE LENGTH OF HAUL, BY MEANS OF TRANSPORT

Means of transport	Tons	Ton-miles	Average length of haul
	(thou-sands)	(millions)	(miles)
All commodities.....	4,609	2,230	(X)
ALL COMMODITIES	Percent distribu-tion		
All means of transport.....	100.0	100.0	484
Rail.....	14.9	31.5	1,022
Motor carrier.....	62.5	51.2	396
Private truck.....	17.5	4.9	135
Air.....	.7	1.3	-
Water.....	1.1	5.0	-
All other.....	3.3	6.1	-

Note: Average length of haul is based on straight-line miles from plant to customer or primary redistribution point, weighted by tonnage shipped (i.e., ton-miles divided by tons). Rail short-line and highway direct-route distances average about 24 and 21 percent, respectively, longer than straight-line distances.

Table B. PERCENT DISTRIBUTION OF SHIPMENTS BY DISTANCE OF SHIPMENT

Distance shipped	Tons	Ton-miles
ALL COMMODITIES		
All distances.....	100.0	100.0
Under 100 miles.....	33.2	4.0
100 to 199 miles.....	18.3	5.1
200 to 299 miles.....	6.9	3.6
300 to 499 miles.....	5.9	4.7
500 to 999 miles.....	21.4	33.0
1,000 to 1,499 miles.....	9.0	22.9
1,500 miles and over.....	5.3	26.7

Table C. PERCENT DISTRIBUTION OF TONS OF COMMODITIES BY REGION OF DESTINATION

TCC code	Commodity class	Tons (thousands)	Percent distribution by region ¹ of destination				
			All des-tinations	North-east	North Central	South	West
	Total.....	² 4,609	100.0	57.8	19.4	18.0	4.8
22	Basic textiles.....	78	100.0	52.1	14.1	30.2	3.6
25	Furniture and fixtures.....	86	100.0	49.8	38.2	10.9	1.1
28	Chemicals and allied products.....	504	100.0	57.4	14.8	19.8	8.0
30	Rubber and miscellaneous plastics products.....	320	100.0	61.6	19.8	14.6	4.0
33	Primary metal products.....	985	100.0	47.1	34.5	13.0	5.4
34	Fabricated metal products.....	562	100.0	57.8	20.2	16.8	5.2
35	Machinery, except electrical.....	238	100.0	40.3	33.6	19.5	6.6
36	Electrical machinery and equipment.....	166	100.0	39.1	25.8	25.1	10.0
37	Transportation equipment.....	57	100.0	47.5	20.1	24.2	8.2
38	Instruments, photographic goods, optical goods, watches, and clocks.....	42	100.0	65.2	7.6	23.3	3.9
39	Miscellaneous products of manufacturing	31	100.0	42.9	21.6	26.3	9.2

¹See map on inside cover for areas included in the regions of the United States.

²Total includes commodities not shown separately.

TABLE 1. Percent Distribution of Commodities, by Means of Transport: 1967

TCC code	Commodity	Number	Percent distribution by means of transport								Sampling variability code ¹
			All means of transport	Rail	Motor carrier	Private truck	Air	Water	Other	Unknown	
	TONS OF SHIPMENTS	(thousands of tons)									
	Connecticut, total.....	4,609	100.0	14.9	62.5	17.5	0.7	1.1	3.3	-	-
22	Basic textiles.....	78	100.0	3.6	92.2	2.8	.9	.1	.4	-	b
229	Miscellaneous basic textiles.....	56	100.0	4.6	93.2	.2	1.2	.2	.6	-	c
25	Furniture and fixtures.....	86	100.0	16.3	59.7	23.5	-	-	.5	-	d
28	Chemicals and allied products.....	504	100.0	22.8	67.3	7.7	-	1.0	1.2	-	c
282	Plastic materials and plasticizers, synthetic resins, rubbers, and fibers.	238	100.9	29.3	56.8	13.9	-	-	-	-	d
2821	Plastic materials and plasticizers, synthetic resins, rubbers, and fibers.	238	100.0	29.3	56.8	13.9	-	-	-	-	d
284	Soap and detergents, cleaning preparations, perfumes, cosmetics, and other toilet preparations.....	130	100.0	24.1	74.7	.1	.1	.7	.3	-	a
2842	Specialty cleaning, polishing, and sanitation preparations (except soap and detergents).....	15	100.0	-	98.7	.8	-	-	.5	-	b
2844	Perfumes, cosmetics, and other toilet preparations.....	109	100.0	28.6	70.1	-	.1	.9	.3	-	b
289	Miscellaneous chemical products.....	16	100.0	25.1	72.6	-	.1	-	2.2	-	d
2899	Chemical products, n.e.c.....	10	100.0	40.8	59.2	-	-	-	-	-	d
30	Rubber and miscellaneous plastics products.....	320	100.0	18.2	78.1	2.6	.4	-	.5	0.2	d
33	Primary metal products.....	985	100.0	18.4	69.7	10.1	.1	1.5	.1	.1	b
335	Nonferrous metal basic shapes.....	702	100.0	24.7	63.5	9.5	.1	2.0	.1	.1	a
3351	Copper, brass, bronze, and other copper base alloy basic shapes.....	330	100.0	16.7	67.4	14.8	-	1.1	-	-	b
3357	Nonferrous wire (including insulated wire).....	330	100.0	32.6	61.6	2.0	.2	3.2	.2	.2	b
336	Nonferrous and nonferrous base alloy castings.....	6	100.0	10.6	75.8	11.6	-	1.4	.6	-	d
34	Fabricated metal products.....	562	100.0	11.5	66.4	10.0	2.9	.2	9.0	-	c
342	Cutlery, hand tools, and general hardware.....	107	100.0	18.4	80.0	.3	.1	.2	1.0	-	c
3429	Miscellaneous hardware.....	44	100.0	21.9	77.0	.7	.2	.2	-	-	c
3443	Fabricated plate products (boiler shop products).....	1	100.0	-	91.4	3.4	3.2	-	2.0	-	d
346	Metal stampings.....	50	100.0	27.2	59.6	10.1	.8	.1	2.2	-	d
3461	Metal stampings.....	50	100.0	27.2	59.6	10.1	.8	.1	2.2	-	d
349	Miscellaneous fabricated metal products	86	100.0	3.7	44.4	48.8	2.0	.7	.4	-	d
35	Machinery, except electrical.....	238	100.0	7.7	87.7	2.5	.5	.6	1.0	-	c
354	Metalworking machinery and equipment...	89	100.0	11.1	85.5	1.1	.5	1.4	.4	-	d
3548	Metalworking machinery (except machine tools).....	18	100.0	-	95.9	3.5	.3	-	.3	-	d
355	Special industry machinery (except metalworking machinery).....	29	100.0	15.0	80.1	4.6	.3	-	-	-	d
356	General industrial machinery and equipment.....	53	100.0	1.4	95.5	.9	.4	-	1.8	-	b
3562	Ball and roller bearings.....	45	100.0	1.4	95.6	.8	.4	-	1.8	-	b
36	Electrical machinery and equipment.....	166	100.0	4.2	80.2	10.8	1.9	1.4	1.5	-	b
361	Electrical transmission and distribution equipment.....	28	100.0	1.1	74.3	15.4	3.9	4.5	.8	-	d

See footnote at end of table.

TABLE 1. Percent Distribution of Commodities, by Means of Transport: 1967--Continued

TCC code	Commodity	Number	Percent distribution by means of transport								Sampling variability code ¹
			All means of transport	Rail	Motor carrier	Private truck	Air	Water	Other	Unknown	
	TONS OF SHIPMENTS--Continued	(thousands of tons)									
362	Electrical industrial apparatus.....	28	100.0	0.1	54.5	42.5	1.4	-	1.5	-	c
363	Household appliances.....	48	100.0	11.9	85.3	.3	.1	2.1	.2	0.1	d
364	Electric lighting and wiring equipment.	43	100.0	1.2	94.9	.5	1.2	.1	2.1	-	d
3643	Current carrying wiring devices (including lightning rods).....	27	100.0	1.8	92.7	.7	1.6	-	3.2	-	d
367	Electronic components or accessories...	11	100.0	.1	83.7	6.0	6.7	-	3.5	-	b
3679	Miscellaneous electronic components and accessories.....	10	100.0	.1	83.9	6.2	6.4	-	3.4	-	b
37	Transportation equipment.....	57	100.0	1.3	86.7	3.9	6.4	.5	1.2	-	c
371	Motor vehicles and motor vehicle equipment.....	9	100.0	-	98.6	.9	.4	-	.1	-	d
3729	Aircraft parts and equipment, n.e.c....	3	100.0	-	55.0	16.6	20.0	-	8.4	-	d
38	Instruments, photographic goods, optical goods, watches, and clocks....	42	100.0	.4	71.7	11.7	10.8	-	5.4	-	d
39	Miscellaneous products of manufacturing	31	100.0	1.0	79.8	-	.1	4.3	14.8	-	d
	TON-MILES OF SHIPMENTS	(millions of ton-miles)									
	Connecticut, total.....	2,230	100.0	31.5	51.2	4.9	1.3	5.0	6.1	-	-
22	Basic textiles.....	38	100.0	12.8	80.6	3.3	1.4	1.2	.7	-	-
229	Miscellaneous basic textiles.....	26	100.0	16.4	79.3	-	1.8	1.6	.9	-	-
25	Furniture and fixtures.....	38	100.0	21.2	72.4	6.1	.1	-	.2	-	-
28	Chemicals and allied products.....	263	100.0	45.7	45.2	2.0	.1	4.2	2.8	-	-
282	Plastic materials and plasticizers, synthetic resins, rubbers, and fibers.	103	100.0	58.4	38.7	2.9	-	-	-	-	-
2821	Plastic materials and plasticizers, synthetic resins, rubbers, and fibers.	103	100.0	58.4	38.7	2.9	-	-	-	-	-
284	Soap and detergents, cleaning preparations, perfumes, cosmetics, and other toilet preparations.....	75	100.0	54.2	42.4	.1	.3	2.7	.3	-	-
2842	Specialty cleaning, polishing, and sanitation preparations (except soap and detergents).....	4	100.0	-	98.2	1.5	-	-	.3	-	-
2844	Perfumes, cosmetics, and other toilet preparations.....	67	100.0	60.9	35.4	-	.3	3.0	.4	-	-
289	Miscellaneous chemical products.....	12	100.0	38.3	58.5	-	-	-	3.2	-	-
2899	Chemical products, n.e.c.....	6	100.0	70.0	30.0	-	-	-	-	-	-
30	Rubber and miscellaneous plastics products.....	139	100.0	44.9	52.6	.4	.7	-	1.3	.1	-
33	Primary metal products.....	562	100.0	37.6	52.9	4.1	.2	5.0	.2	-	-
335	Nonferrous metal basic shapes.....	467	100.0	44.2	47.7	1.7	.2	6.0	.2	-	-
3351	Copper, brass, bronze, and other copper base alloy basic shapes.....	158	100.0	40.5	51.9	3.4	-	3.9	.3	-	-
3357	Nonferrous wire (including insulated wire).....	291	100.0	46.5	45.4	.2	.3	7.5	.1	-	-
336	Nonferrous and nonferrous base alloy castings.....	2	100.0	36.0	60.8	.9	-	2.2	.1	-	-
34	Fabricated metal products.....	277	100.0	22.2	66.7	1.1	4.8	.1	5.1	-	-
342	Cutlery, hand tools, and general hardware.....	103	100.0	25.5	72.4	.1	.1	.2	1.7	-	-
3429	Miscellaneous hardware.....	30	100.0	31.8	67.7	.3	.2	-	-	-	-

See footnote at end of table.

TABLE 1. Percent Distribution of Commodities, by Means of Transport: 1967--Continued

TCC code	Commodity	Number	Percent distribution by means of transport								Sampling variability code ¹
			All means of transport	Rail	Motor carrier	Private truck	Air	Water	Other	Unknown	
	TON-MILES OF SHIPMENTS--Continued	(millions of ton-miles)									
3443	Fabricated plate products (boiler shop products).....	1	100.0	-	93.8	0.2	4.7	-	1.3	-	-
346	Metal stampings.....	32	100.0	46.6	50.3	.8	1.0	-	1.3	-	-
3461	Metal stampings.....	32	100.0	46.6	50.3	.8	1.0	-	1.3	-	-
349	Miscellaneous fabricated metal products	26	100.0	16.2	71.7	6.0	3.8	0.5	1.8	-	-
35	Machinery, except electrical.....	151	100.0	14.4	83.1	.7	.9	.1	.8	-	-
354	Metalworking machinery and equipment...	56	100.0	15.7	82.5	.4	1.0	.1	.3	-	-
3548	Metalworking machinery (except machine tools).....	5	100.0	-	94.9	2.0	2.5	-	.6	-	-
355	Special industry machinery (except metalworking machinery).....	17	100.0	35.4	60.9	3.1	.6	-	-	-	-
356	General industrial machinery and equipment.....	38	100.0	2.7	94.3	.2	.5	-	2.3	-	-
3562	Ball and roller bearings.....	34	100.0	3.0	93.9	.2	.5	-	2.4	-	-
36	Electrical machinery and equipment.....	116	100.0	9.9	67.8	13.7	2.8	4.6	1.2	-	-
361	Electrical transmission and distribution equipment.....	10	100.0	5.6	64.5	18.0	9.8	1.0	1.1	-	-
362	Electrical industrial apparatus.....	21	100.0	.1	32.8	62.1	3.1	-	1.9	-	-
363	Household appliances.....	46	100.0	19.2	69.6	.1	.2	10.7	.2	-	-
364	Electric lighting and wiring equipment.	27	100.0	4.7	92.0	.3	1.0	.8	1.2	-	-
3643	Current carrying wiring devices (including lightning rods).....	15	100.0	7.9	88.1	.3	1.7	-	2.0	-	-
367	Electronic components or accessories...	6	100.0	-	84.1	.5	11.5	-	3.9	-	-
3679	Miscellaneous electronic components and accessories.....	6	100.0	-	83.5	.6	11.7	-	4.2	-	-
37	Transportation equipment.....	36	100.0	.5	86.5	.9	8.5	1.1	2.5	-	-
371	Motor vehicles and motor vehicle equipment.....	6	100.0	-	98.6	.1	1.0	.1	.2	-	-
3729	Aircraft parts and equipment, n.e.c....	2	100.0	-	33.1	1.4	55.5	-	10.0	-	-
38	Instruments, photographic goods, optical goods, watches, and clocks....	15	100.0	.4	66.7	3.8	23.5	-	5.6	-	-
39	Miscellaneous products of manufacturing	21	100.0	1.6	66.8	-	.1	4.2	27.3	-	-

¹Code letter indicates a sampling variability range as follows: a, 0-9 percent; b, 10-19 percent; c, 20-29 percent; and d, 30-50 percent. The variability for ton-miles has not been estimated.

TABLE 2. Percent Distribution of Commodities, by Distance of Shipment: 1967

TCC code	Commodity	Number	Percent distribution by distance of shipment								Sampling variability code ¹
			All distances	Under 100 miles	100 to 199 miles	200 to 299 miles	300 to 499 miles	500 to 999 miles	1,000 to 1,499 miles	1,500 miles or over	
	TONS OF SHIPMENTS	(thousands of tons)									
	Connecticut, total.....	4,609	100.0	33.2	18.3	6.9	5.9	21.4	9.0	5.3	-
22	Basic textiles.....	78	100.0	12.9	31.3	6.8	3.5	36.8	4.5	4.2	b
229	Miscellaneous basic textiles.....	56	100.0	8.9	35.3	7.6	1.4	40.9	2.8	3.1	c
25	Furniture and fixtures.....	86	100.0	24.0	23.2	1.4	5.5	40.9	3.5	1.5	d
28	Chemicals and allied products.....	504	100.0	34.3	19.2	5.6	6.3	19.2	7.1	8.3	c
282	Plastic materials and plasticizers, synthetic resins, rubbers, and fibers.	238	100.0	45.9	16.2	6.6	3.4	17.5	2.6	7.8	d
2821	Plastic materials and plasticizers, synthetic resins, rubbers, and fibers.	238	100.0	45.9	16.2	6.6	3.4	17.5	2.6	7.8	d
284	Soap and detergents, cleaning preparations, perfumes, cosmetics, and other toilet preparations.....	130	100.0	32.3	17.8	4.8	2.9	26.7	5.4	10.1	a
2842	Specialty cleaning, polishing, and sanitation preparations (except soap and detergents).....	15	100.0	16.2	42.4	11.7	10.6	17.5	1.3	.3	b
2844	Perfumes, cosmetics, and other toilet preparations.....	109	100.0	35.1	15.0	2.8	1.7	28.7	5.8	10.9	b
289	Miscellaneous chemical products.....	16	100.0	6.9	13.8	5.4	11.5	34.3	24.8	3.3	d
2899	Chemical products, n.e.c.....	10	100.0	9.1	21.6	4.2	10.8	22.8	31.5	-	d
30	Rubber and miscellaneous plastics products.....	320	100.0	40.1	12.3	6.5	10.8	20.8	5.2	4.3	d
33	Primary metal products.....	985	100.0	23.3	15.6	5.8	8.1	33.6	8.2	5.4	b
335	Nonferrous metal basic shapes.....	702	100.0	17.9	11.7	5.0	9.0	40.6	8.9	6.9	a
3351	Copper, brass, bronze, and other copper base alloy basic shapes.....	330	100.0	26.9	20.0	5.8	9.4	24.9	9.4	3.6	b
3357	Nonferrous wire (including insulated wire).....	330	100.0	8.8	3.4	2.2	8.0	58.2	8.6	10.8	b
336	Nonferrous and nonferrous base alloy castings.....	6	100.0	40.7	21.7	2.1	.3	22.1	9.7	3.4	d
34	Fabricated metal products.....	562	100.0	29.7	21.6	6.4	4.2	22.1	10.4	5.6	c
342	Cutlery, hand tools, and general hardware.....	107	100.0	13.3	5.0	8.9	4.8	32.7	16.1	19.2	c
3429	Miscellaneous hardware.....	44	100.0	9.1	4.1	16.1	4.7	47.2	14.1	4.7	c
3443	Fabricated plate products (boiler shop products).....	1	100.0	32.3	4.3	.3	.9	9.4	35.9	16.9	d
346	Metal stampings.....	50	100.0	29.3	1.9	5.3	5.3	14.1	43.8	.3	d
3461	Metal stampings.....	50	100.0	29.3	1.9	5.3	5.3	14.1	43.8	.3	d
349	Miscellaneous fabricated metal products	86	100.0	59.4	8.8	4.3	2.3	19.5	2.1	3.6	d
35	Machinery, except electrical.....	238	100.0	18.6	12.1	3.5	11.4	36.1	10.9	7.4	c
354	Metalworking machinery and equipment...	89	100.0	25.5	15.4	2.6	11.4	22.9	12.8	9.4	d
3548	Metalworking machinery (except machine tools).....	18	100.0	53.8	18.5	.3	4.8	17.5	2.8	2.3	d
355	Special industry machinery (except metalworking machinery).....	29	100.0	19.6	14.8	3.3	16.7	32.0	6.2	7.4	d
356	General industrial machinery and equipment.....	53	100.0	6.8	4.5	1.9	6.2	70.6	3.8	6.2	b
3562	Ball and roller bearings.....	45	100.0	5.3	3.4	1.6	5.3	73.0	4.2	7.2	d
36	Electrical machinery and equipment.....	166	100.0	23.3	10.7	3.6	10.2	33.1	7.7	11.4	d
361	Electrical transmission and distribution equipment.....	28	100.0	48.8	9.0	2.9	17.4	14.4	4.3	3.2	d

See footnote at end of table.

TABLE 2. Percent Distribution of Commodities, by Distance of Shipment: 1967--Continued

TCC code	Commodity	Number	Percent distribution by distance of shipment								Sampling variability code ¹
			All distances	Under 100 miles	100 to 199 miles	200 to 299 miles	300 to 499 miles	500 to 999 miles	1,000 to 1,499 miles	1,500 miles or over	
	TONS OF SHIPMENTS--Continued	(thousands of tons)									
362	Electrical industrial apparatus.....	28	100.0	18.0	10.5	4.4	5.0	40.4	9.1	12.6	c
363	Household appliances.....	48	100.0	13.4	12.5	1.5	12.3	33.2	5.7	21.4	d
364	Electric lighting and wiring equipment.	43	100.0	17.7	10.4	4.0	8.2	44.3	11.7	3.7	d
3643	Current carrying wiring devices (including lightning rods).....	27	100.0	17.7	14.9	3.7	7.5	46.4	5.7	4.1	d
367	Electronic components or accessories...	11	100.0	31.5	9.1	8.6	4.5	29.7	6.0	10.6	b
3679	Miscellaneous electronic components and accessories.....	10	100.0	32.6	9.1	8.9	4.7	30.6	5.9	8.2	b
37	Transportation equipment.....	57	100.0	20.5	18.9	8.0	4.1	30.7	7.6	10.2	c
371	Motor vehicles and motor vehicle equipment.....	9	100.0	11.3	51.9	1.2	.1	15.5	1.5	18.5	d
3729	Aircraft parts and equipment, n.e.c....	3	100.0	30.3	35.5	.9	4.2	7.6	14.0	7.5	d
38	Instruments, photographic goods, optical goods, watches, and clocks....	42	100.0	29.1	31.3	11.0	8.9	8.0	7.4	4.3	d
39	Miscellaneous products of manufacturing	31	100.0	31.0	8.2	6.3	4.0	29.4	10.9	10.2	d
	TON-MILES OF SHIPMENTS	(millions of ton-miles)									
	Connecticut, total.....	2,230	100.0	4.0	5.1	3.6	4.7	33.0	22.9	26.7	-
22	Basic textiles.....	38	100.0	1.6	8.9	3.3	2.4	52.2	11.2	20.4	-
229	Miscellaneous basic textiles.....	26	100.0	1.3	10.9	3.9	1.0	59.6	7.4	15.9	-
25	Furniture and fixtures.....	38	100.0	3.8	6.9	.8	5.2	66.8	8.9	7.6	-
28	Chemicals and allied products.....	263	100.0	4.1	4.7	2.5	4.7	27.6	17.0	39.4	-
282	Plastic materials and plasticizers, synthetic resins, rubbers, and fibers.	103	100.0	6.7	4.5	3.6	3.3	29.1	6.9	45.9	-
2821	Plastic materials and plasticizers, synthetic resins, rubbers, and fibers.	103	100.0	6.7	4.5	3.6	3.3	29.1	6.9	45.9	-
284	Soap and detergents, cleaning preparations, perfumes, cosmetics, and other toilet preparations.....	75	100.0	3.3	3.8	1.9	1.8	35.1	11.4	42.7	-
2842	Specialty cleaning, polishing, and sanitation preparations (except soap and detergents).....	4	100.0	2.8	18.6	10.4	15.1	43.8	6.1	3.2	-
2844	Perfumes, cosmetics, and other toilet preparations.....	67	100.0	3.5	3.1	1.1	.9	36.1	11.7	43.6	-
289	Miscellaneous chemical products.....	12	100.0	.7	2.4	1.8	6.3	37.7	41.0	10.1	-
2899	Chemical products, n.e.c.....	6	100.0	.9	4.2	1.6	6.6	28.5	58.2	-	-
30	Rubber and miscellaneous plastics products.....	139	100.0	5.5	3.7	3.8	9.6	37.9	15.4	24.1	-
33	Primary metal products.....	562	100.0	2.3	3.9	2.4	5.5	44.3	17.9	23.7	-
335	Nonferrous metal basic shapes.....	467	100.0	1.5	2.4	1.8	5.3	46.6	16.7	25.7	-
3351	Copper, brass, bronze, and other copper base alloy basic shapes.....	158	100.0	3.3	5.6	2.9	7.1	39.0	22.8	19.3	-
3357	Nonferrous wire (including insulated wire).....	291	100.0	.6	.5	.6	3.7	51.1	13.0	30.5	-
336	Nonferrous and nonferrous base alloy castings.....	2	100.0	4.3	9.5	1.5	.3	36.2	30.7	17.5	-
34	Fabricated metal products.....	277	100.0	2.8	5.4	3.1	3.3	33.0	24.5	27.9	-
342	Cutlery, hand tools, and general hardware.....	103	100.0	.9	.7	2.2	1.9	24.6	19.9	49.8	-
3429	Miscellaneous hardware.....	30	100.0	.8	.8	5.5	2.7	51.0	24.2	15.0	-

See footnote at end of table.

TABLE 2. Percent Distribution of Commodities, by Distance of Shipment: 1967--Continued

TCC code	Commodity	Number	Percent distribution by distance of shipment								Sampling variability code ¹
			All distances	Under 100 miles	100 to 199 miles	200 to 299 miles	300 to 499 miles	500 to 999 miles	1,000 to 1,499 miles	1,500 miles or over	
	TON-MILES OF SHIPMENTS--Continued	(millions of ton-miles)									
3443	Fabricated plate products (boiler shop products).....	1	100.0	1.6	0.6	0.1	0.3	7.4	49.2	40.8	-
346	Metal stampings.....	32	100.0	2.0	.4	1.8	3.5	15.4	75.7	1.2	-
3461	Metal stampings.....	32	100.0	2.0	.4	1.8	3.5	15.4	75.7	1.2	-
349	Miscellaneous fabricated metal products	26	100.0	7.5	3.8	3.5	2.7	45.5	7.9	29.1	-
35	Machinery, except electrical.....	151	100.0	1.8	2.4	1.4	6.6	40.3	20.4	27.1	-
354	Metalworking machinery and equipment...	56	100.0	2.6	3.5	.9	6.3	25.6	25.1	36.0	-
3548	Metalworking machinery (except machine tools).....	5	100.0	14.3	9.2	.2	7.1	40.7	11.0	17.5	-
355	Special industry machinery (except metalworking machinery).....	17	100.0	2.0	2.9	1.2	10.9	36.0	14.9	32.1	-
356	General industrial machinery and equipment.....	38	100.0	.5	.9	.7	3.5	69.7	6.4	18.3	-
3562	Ball and roller bearings.....	34	100.0	.4	.6	.6	2.8	68.8	6.9	19.9	-
36	Electrical machinery and equipment.....	116	100.0	2.2	2.1	1.2	6.1	35.3	13.2	39.9	-
361	Electrical transmission and distribution equipment.....	10	100.0	11.5	3.4	1.9	21.3	29.1	13.6	19.2	-
362	Electrical industrial apparatus.....	21	100.0	1.3	2.0	1.4	2.4	39.7	14.4	38.8	-
363	Household appliances.....	46	100.0	.5	1.6	.4	5.5	26.1	7.9	58.0	-
364	Electric lighting and wiring equipment.	27	100.0	1.7	2.5	1.7	5.2	52.9	22.0	14.0	-
3643	Current carrying wiring devices (including lightning rods).....	15	100.0	1.9	4.1	1.7	5.3	58.7	12.0	16.3	-
367	Electronic components or accessories...	6	100.0	3.4	2.0	3.3	2.9	37.6	11.9	38.9	-
3679	Miscellaneous electronic components and accessories.....	6	100.0	3.7	2.1	3.6	3.2	41.7	12.5	33.2	-
37	Transportation equipment.....	36	100.0	2.1	4.3	2.8	2.4	36.8	14.1	37.5	-
371	Motor vehicles and motor vehicle equipment.....	6	100.0	.8	10.4	.4	-	18.2	2.5	67.7	-
3729	Aircraft parts and equipment, n.e.c....	2	100.0	2.7	11.0	.4	2.7	10.5	35.7	37.0	-
38	Instruments, photographic goods, optical goods, watches, and clocks....	15	100.0	4.8	11.6	7.9	8.7	15.9	23.6	27.5	-
39	Miscellaneous products of manufacturing	21	100.0	3.1	1.7	2.4	2.4	32.5	20.5	37.4	-

¹Code letter indicates a sampling variability range as follows: a, 0-9 percent; b, 10-19 percent; c, 20-29 percent; and d, 30-50 percent. The variability for ton-miles has not been estimated.

TABLE 3. Percent Distribution of Commodities, by Geographic Division of Destination: 1967

TCC code	Commodity	Number	Percent distribution by geographic division ¹ of destination										Sampling variability code ³
			All means of transport	New England	Middle Atlantic	East North Central	West North Central	South Atlantic	East South Central	West South Central	Mountain	Pacific ²	
	TONS OF SHIPMENTS	(thous. of tons)											
	Connecticut, total.....	4,609	100.0	25.5	32.3	15.4	4.0	9.6	2.4	6.0	0.4	4.4	-
22	Basic textiles.....	78	100.0	16.0	36.1	11.7	2.4	25.2	3.2	1.8	.7	2.9	b
229	Miscellaneous basic textiles.....	56	100.0	13.5	39.3	9.9	.6	29.3	3.1	1.9	.1	2.3	c
25	Furniture and fixtures.....	86	100.0	19.6	30.2	36.2	2.0	3.2	6.5	1.2	.3	.8	d
28	Chemicals and allied products.....	504	100.0	28.5	28.9	11.9	2.9	13.6	1.0	5.2	.3	7.7	c
282	Plastic materials and plasticizers, synthetic resins, rubbers, and fibers.	238	100.0	39.1	27.0	8.0	3.4	14.4	.2	.1	-	7.8	d
2821	Plastic materials and plasticizers, synthetic resins, rubbers, and fibers.	238	100.0	39.1	27.0	8.0	3.4	14.4	.2	.1	-	7.8	d
284	Soap and detergents, cleaning preparations, perfumes, cosmetics, and other toilet preparations.....	130	100.0	20.2	32.4	12.9	2.7	17.6	1.6	2.7	.1	9.8	a
2842	Specialty cleaning, polishing, and sanitation preparations (except soap and detergents).....	15	100.0	19.2	43.8	14.8	.4	20.7	.2	.6	-	.3	b
2844	Perfumes, cosmetics, and other toilet preparations.....	109	100.0	21.1	30.3	12.7	2.9	17.5	1.8	3.1	-	10.6	b
289	Miscellaneous chemical products.....	16	100.0	10.6	17.5	18.8	4.4	17.7	7.7	21.1	-	2.2	d
2899	Chemical products, n.e.c.....	10	100.0	15.3	19.7	24.9	-	8.5	-	31.6	-	-	d
30	Rubber and miscellaneous plastics products.....	320	100.0	31.1	30.5	16.0	3.8	6.9	4.4	3.3	.1	3.9	d
33	Primary metal products.....	985	100.0	17.6	29.5	25.6	8.9	6.5	1.8	4.7	.4	5.0	b
335	Nonferrous metal basic shapes.....	702	100.0	14.9	22.5	29.8	11.6	7.2	2.3	4.9	.4	6.4	a
3351	Copper, brass, bronze, and other copper base alloy basic shapes.....	330	100.0	24.3	32.2	22.9	6.0	5.7	2.6	2.6	.2	3.5	b
3357	Nonferrous wire (including insulated wire).....	330	100.0	5.4	10.7	36.8	18.1	8.9	2.0	7.5	.7	9.9	b
336	Nonferrous and nonferrous base alloy castings.....	6	100.0	40.6	22.6	2.9	.2	29.0	1.2	2.6	-	.9	d
34	Fabricated metal products.....	562	100.0	38.8	19.0	13.4	6.8	7.6	6.3	2.9	.6	4.6	c
342	Cutlery, hand tools, and general hardware.....	107	100.0	5.5	21.8	19.9	6.3	16.1	6.0	6.1	1.2	17.1	c
3429	Miscellaneous hardware.....	44	100.0	7.2	22.2	21.0	11.4	28.3	2.6	2.9	1.8	2.6	c
3443	Fabricated plate products (boiler shop products).....	1	100.0	24.8	12.1	3.4	36.1	4.3	2.2	1.6	1.0	14.5	d
346	Metal stampings.....	50	100.0	26.5	8.6	9.2	43.4	10.6	.7	.7	-	.3	d
3461	Metal stampings.....	50	100.0	26.5	8.6	9.2	43.4	10.6	.7	.7	-	.3	d
349	Miscellaneous fabricated metal products	86	100.0	35.9	35.1	14.5	2.2	6.7	1.6	.7	.1	3.2	d
35	Machinery, except electrical.....	238	100.0	15.7	24.6	29.0	4.6	11.3	2.5	5.7	1.3	5.3	c
354	Metalworking machinery and equipment...	89	100.0	27.8	24.1	20.7	2.1	5.0	2.6	8.3	1.9	7.5	d
3548	Metalworking machinery (except machine tools).....	18	100.0	51.6	22.0	18.5	1.8	1.3	1.9	.6	1.0	1.3	d
355	Special industry machinery (except metalworking machinery).....	29	100.0	7.6	35.1	28.3	.1	15.3	1.3	5.1	-	7.2	d
356	General industrial machinery and equipment.....	53	100.0	6.3	8.8	61.3	3.5	9.5	3.7	2.8	1.6	2.5	b
3562	Ball and roller bearings.....	45	100.0	5.4	7.0	61.3	3.9	10.6	3.8	3.3	1.8	2.9	b
36	Electrical machinery and equipment.....	166	100.0	7.8	31.3	21.2	4.6	13.7	7.5	3.9	1.8	8.2	b
361	Electrical transmission and distribution equipment.....	28	100.0	7.7	54.6	25.7	2.7	3.1	1.8	1.6	.9	1.9	d

See footnotes at end of table.

TABLE 3. Percent Distribution of Commodities, by Geographic Division of Destination: 1967--Continued

TCC code	Commodity	Number	Percent distribution by geographic division ¹ of destination										Sampling variability code ³
			All means of transport	New England	Middle Atlantic	East North Central	West North Central	South Atlantic	East South Central	West South Central	Mountain	Pacific ²	
	TONS OF SHIPMENTS--Continued	(thous. of tons)											
362	Electrical industrial apparatus.....	28	100.0	5.4	28.8	36.4	7.4	6.8	0.6	4.2	1.2	9.2	c
363	Household appliances.....	48	100.0	4.5	24.6	19.2	6.1	17.1	3.1	6.8	2.3	16.3	d
364	Electric lighting and wiring equipment.	43	100.0	10.3	23.7	13.4	2.7	22.5	21.7	2.1	1.1	2.5	d
3643	Current carrying wiring devices (including lightning rods).....	27	100.0	9.9	27.3	15.3	2.5	5.0	32.9	3.0	1.8	2.3	d
367	Electronic components or accessories...	11	100.0	19.3	29.6	16.4	3.6	12.2	6.5	2.3	6.0	4.1	b
3679	Miscellaneous electronic components and accessories.....	10	100.0	20.1	30.2	16.7	3.6	12.6	6.8	2.3	3.6	4.1	b
37	Transportation equipment.....	57	100.0	18.8	28.7	19.1	1.0	20.3	.6	3.3	.2	8.0	c
371	Motor vehicles and motor vehicle equipment.....	9	100.0	34.1	29.4	12.0	1.4	4.5	-	1.1	.7	16.8	d
3729	Aircraft parts and equipment, n.e.c....	3	100.0	30.0	38.3	7.4	.3	8.4	.2	7.9	.4	7.1	d
38	Instruments, photographic goods, optical goods, watches, and clocks....	42	100.0	7.9	57.3	6.6	1.0	19.8	1.7	1.8	.4	3.5	d
39	Miscellaneous products of manufacturing	31	100.0	8.8	34.1	16.6	5.0	13.4	6.9	6.0	2.0	7.2	d
	TON-MILES OF SHIPMENTS	(millions of ton-miles)											
	Connecticut, total.....	2,230	100.0	3.9	8.9	21.7	8.5	11.3	4.3	16.7	1.6	23.1	-
22	Basic textiles.....	38	100.0	2.9	11.8	18.2	5.8	31.8	5.8	5.3	3.0	15.4	-
229	Miscellaneous basic textiles.....	26	100.0	3.1	13.8	16.3	1.2	40.3	5.9	5.9	.4	13.1	-
25	Furniture and fixtures.....	38	100.0	4.0	8.4	57.6	5.0	4.5	10.8	3.5	1.2	5.0	-
28	Chemicals and allied products.....	263	100.0	4.1	6.9	14.4	5.7	15.8	1.7	13.1	1.1	37.2	-
282	Plastic materials and plasticizers, synthetic resins, rubbers, and fibers.	103	100.0	5.9	7.7	11.2	8.0	20.7	.2	.5	-	45.8	-
2821	Plastic materials and plasticizers, synthetic resins, rubbers, and fibers.	103	100.0	5.9	7.7	11.2	8.0	20.7	.2	.5	-	45.8	-
284	Soap and detergents, cleaning preparations, perfumes, cosmetics, and other toilet preparations.....	75	100.0	3.0	5.5	15.4	4.9	20.1	2.6	6.5	.2	41.8	-
2842	Specialty cleaning, polishing, and sanitation preparations (except soap and detergents).....	4	100.0	6.2	19.7	35.1	1.5	30.7	.5	3.4	-	2.9	-
2844	Perfumes, cosmetics, and other toilet preparations.....	67	100.0	2.9	4.5	14.6	5.1	20.2	2.8	7.0	.1	42.8	-
289	Miscellaneous chemical products.....	12	100.0	1.7	4.5	20.2	7.1	14.0	9.4	35.8	-	7.3	-
2899	Chemical products, n.e.c.....	6	100.0	2.6	4.4	29.9	-	4.8	-	58.3	-	-	-
30	Rubber and miscellaneous plastics products.....	139	100.0	5.2	10.2	24.8	8.8	7.4	9.5	11.0	.5	22.6	-
33	Primary metal products.....	562	100.0	2.2	8.1	30.6	15.3	6.7	2.7	10.9	1.2	22.3	-
335	Nonferrous metal basic shapes.....	467	100.0	1.6	5.6	30.8	16.8	6.4	3.0	10.1	1.1	24.6	-
3351	Copper, brass, bronze, and other copper base alloy basic shapes.....	158	100.0	4.0	10.7	33.8	13.7	6.8	4.6	7.2	.6	18.6	-
3357	Nonferrous wire (including insulated wire).....	291	100.0	.3	2.1	28.8	19.0	5.9	2.0	11.6	1.4	28.9	-
336	Nonferrous and nonferrous base alloy castings.....	2	100.0	4.9	9.7	6.2	.6	58.5	2.6	11.7	-	5.8	-
34	Fabricated metal products.....	277	100.0	6.7	5.0	17.8	15.3	9.1	11.3	8.0	2.4	24.4	-
342	Cutlery, hand tools, and general hardware.....	103	100.0	.5	3.5	13.8	7.3	11.4	6.2	8.9	2.5	45.9	-
3429	Miscellaneous hardware.....	30	100.0	.7	6.6	20.6	18.6	29.9	3.4	5.8	5.1	9.3	-

See footnotes at end of table.

TABLE 3. Percent Distribution of Commodities, by Geographic Division of Destination: 1967--Continued

TCC code	Commodity	Number	Percent distribution by geographic division ¹ of destination										Sampling variability code ³
			All means of transport	New England	Middle Atlantic	East North Central	West North Central	South Atlantic	East South Central	West South Central	Mountain	Pacific ²	
	TON-MILES OF SHIPMENTS--Continued	(millions of ton-miles)											
3443	Fabricated plate products (boiler shop products).....	1	100.0	0.9	1.3	2.3	49.2	3.2	1.9	2.4	1.9	36.9	-
346	Metal stampings.....	32	100.0	1.8	2.2	8.2	74.7	9.7	.8	1.5	-	1.1	-
3461	Metal stampings.....	32	100.0	1.8	2.2	8.2	74.7	9.7	.8	1.5	-	1.1	-
349	Miscellaneous fabricated metal products	26	100.0	4.9	9.1	31.7	7.3	11.4	4.8	3.3	.5	27.0	-
35	Machinery, except electrical.....	151	100.0	2.1	6.9	29.8	7.7	13.2	3.3	12.2	3.8	21.0	-
354	Metalworking machinery and equipment...	56	100.0	4.0	7.5	22.0	3.8	6.1	3.4	17.3	5.3	30.6	-
3548	Metalworking machinery (except machine tools).....	5	100.0	13.9	11.0	40.0	7.4	2.9	5.0	2.3	5.7	11.8	-
355	Special industry machinery (except metalworking machinery).....	17	100.0	1.2	8.2	29.2	.1	14.4	2.6	12.7	-	31.6	-
356	General industrial machinery and equipment.....	38	100.0	.7	2.3	57.4	5.6	10.1	4.2	6.7	4.3	8.7	-
3562	Ball and roller bearings.....	34	100.0	.5	2.0	55.3	5.9	10.8	4.1	7.4	4.5	9.5	-
36	Electrical machinery and equipment.....	116	100.0	.9	5.6	19.4	6.7	14.7	8.1	8.4	4.9	31.3	-
361	Electrical transmission and distribution equipment.....	10	100.0	1.6	17.7	39.4	7.7	6.4	4.5	6.3	4.1	12.9	-
362	Electrical industrial apparatus.....	21	100.0	.6	4.9	34.8	11.2	5.4	.6	8.9	3.1	30.5	-
363	Household appliances.....	46	100.0	.5	2.8	11.7	5.9	12.1	3.1	11.1	5.0	47.8	-
364	Electric lighting and wiring equipment.	27	100.0	1.1	6.0	14.0	4.5	31.4	24.8	4.2	3.4	10.6	-
3643	Current carrying wiring devices (including lightning rods).....	15	100.0	1.3	7.2	17.6	4.8	4.9	41.3	6.6	5.9	10.4	-
367	Electronic components or accessories...	6	100.0	2.8	6.0	19.6	6.2	12.3	9.7	5.5	20.3	17.6	-
3679	Miscellaneous electronic components and accessories.....	6	100.0	3.1	6.5	21.5	6.8	13.6	10.8	5.9	13.0	18.8	-
37	Transportation equipment.....	36	100.0	2.7	6.9	20.6	1.6	27.0	.7	7.9	.6	32.0	-
371	Motor vehicles and motor vehicle equipment.....	6	100.0	6.2	5.0	13.3	2.3	5.3	-	2.7	2.0	63.2	-
3729	Aircraft parts and equipment, n.e.c....	2	100.0	2.8	12.4	9.9	.8	14.4	.4	22.6	1.5	35.2	-
38	Instruments, photographic goods, optical goods, watches, and clocks....	15	100.0	2.0	18.3	12.0	3.0	27.6	4.0	7.2	2.3	23.6	-
39	Miscellaneous products of manufacturing	21	100.0	1.3	5.0	16.8	7.7	11.4	9.5	13.1	5.8	29.4	-

¹For States included in the geographic divisions, see map on inside cover.

²Shipments to Alaska and Hawaii from the 48 conterminous States and the District of Columbia are included; no data were obtained for shipments originating in Alaska and Hawaii.

³Code letter indicates a sampling variability range as follows: a, 0-9 percent; b, 10-19 percent; c, 20-29 percent; and d, 30-50 percent. The variability for ton-miles has not been estimated.

GEORGIA

SUMMARY

The estimates of tons and ton-miles are based on reports from a sample of manufacturing establishments located in the State of Georgia. The total tons and ton-miles represent the total intercity shipments by essentially all manufacturing establishments in the State, except for plants with less than 20 employees. However, since the data are based on a sample, the estimates necessarily are subject to "sampling variability."

The approximate degree of sampling variability for tons for each commodity or commodity class is indicated in the last column of tables 1 to 3. In general, most of the commodity data in this report are subject to substantial sampling variability and should be treated as approximate rather than precise measures.

About 25.2 million tons of commodities were shipped by plants in this State to destinations beyond the local area. These shipments gener-

ated 7.1 billion ton-miles by all means of transport combined, and averaged about 280 straight-line miles per ton shipped.

Table B indicates that 34.4 percent of tons moved less than 100 miles and that mileage block accounts for about 7 percent of the ton-miles.

Rail and motor carrier are dominant means of transport, accounting for 41 and 31 percent, respectively, of the total tons. When measured in terms of ton-miles rather than tons, rail accounts for 49 percent and motor carrier for 32 percent of the total ton-miles.

As shown in table C, 82 percent of total tons shipped by plants in Georgia remained in the South. However, for some commodity groups (such as Apparel and Other Finished Textile Products and Electrical Machinery and Equipment) a countrywide distribution is indicated.

Table A. PERCENT DISTRIBUTION OF SHIPMENTS, AND AVERAGE LENGTH OF HAUL, BY MEANS OF TRANSPORT

Means of transport	Tons	Ton-miles	Average length of haul
	(thousands)	(millions)	(miles)
All commodities.....	25,209	7,052	(x)
ALL COMMODITIES	Percent distribution		
All means of transport.....	100.0	100.0	280
Rail.....	40.9	48.7	333
Motor carrier.....	30.8	32.2	293
Private truck.....	26.1	14.5	155
Air.....	-	-	-
Water.....	1.9	4.3	-
All other.....	.3	.3	-

Note: Average length of haul is based on straight-line miles from plant to customer or primary redistribution point, weighted by tonnage shipped (i.e., ton-miles divided by tons). Rail short-line and highway direct-route distances average about 24 and 21 percent, respectively, longer than straight-line distances.

Table B. PERCENT DISTRIBUTION OF SHIPMENTS BY DISTANCE OF SHIPMENT

Distance shipped	Tons	Ton-miles
ALL COMMODITIES		
All distances.....	100.0	100.0
Under 100 miles.....	34.4	6.5
100 to 199 miles.....	20.2	10.3
200 to 299 miles.....	12.3	10.8
300 to 499 miles.....	13.0	18.1
500 to 999 miles.....	18.7	45.6
1,000 to 1,499 miles.....	.5	2.0
1,500 miles and over.....	.9	6.7

Table C. PERCENT DISTRIBUTION OF TONS OF COMMODITIES BY REGION OF DESTINATION

TCC code	Commodity class	Tons (thousands)	Percent distribution by region ¹ of destination				
			All destinations	North-east	North Central	South	West
	Total.....	² 25,209	100.0	7.3	9.5	82.2	1.0
20	Food and kindred products.....	2,763	100.0	7.3	9.4	82.7	.6
22	Basic textiles.....	2,301	100.0	20.7	12.5	61.9	4.9
23	Apparel, including knit apparel, and other finished textile products.....	193	100.0	16.7	18.6	52.0	12.7
24	Lumber and wood products, except furniture.....	1,831	100.0	1.0	2.6	96.2	.2
25	Furniture and fixtures.....	119	100.0	15.1	15.0	69.3	.6
26	Pulp, paper, and allied products.....	3,383	100.0	22.3	27.3	49.4	1.0
32	Stone, clay, and glass products.....	5,381	100.0	1.4	6.6	91.8	.2
33	Primary metal products.....	485	100.0	1.9	29.7	67.2	1.2
35	Machinery, except electrical.....	110	100.0	9.3	8.4	78.0	4.3
36	Electrical machinery and equipment.....	114	100.0	14.1	18.4	55.6	11.9

¹See map on inside cover for areas included in the regions of the United States.

²Total includes commodities not shown separately.

TABLE 1. Percent Distribution of Commodities, by Means of Transport: 1967

TCC code	Commodity	Number	Percent distribution by means of transport								Sampling variability code ¹
			All means of transport	Rail	Motor carrier	Private truck	Air	Water	Other	Unknown	
	TONS OF SHIPMENTS	(thousands of tons)									
	Georgia, total.....	25,209	100.0	40.9	30.8	26.1	-	1.9	0.1	0.2	-
20	Food and kindred products.....	2,763	100.0	9.6	38.1	51.8	-	.1	-	.4	c
201	Meat, poultry, and small game; fresh, chilled or frozen.....	997	100.0	6.6	58.4	34.7	-	.3	-	-	c
2013	Meat products.....	143	100.0	17.8	11.8	68.7	-	1.7	-	-	d
2015	Dressed poultry and small game, fresh chilled or canned.....	511	100.0	-	78.7	21.3	-	-	-	-	d
203	Canned and preserved fruits, vegetables and seafoods.....	499	100.0	14.8	30.9	52.4	-	-	-	1.9	d
2033	Canned fruits and vegetables.....	66	100.0	25.6	49.2	25.2	-	-	-	-	d
208	Beverages and flavoring extracts.....	559	100.0	11.9	37.8	50.3	-	-	-	-	d
209	Miscellaneous food preparations and kindred products.....	105	100.0	9.2	29.2	61.2	-	-	.4	-	d
22	Basic textiles.....	2,301	100.0	13.7	53.4	32.8	-	-	.1	-	b
221	Cotton broadwoven fabrics.....	1,022	100.0	3.1	69.8	26.8	-	-	.3	-	d
2211	Cotton broadwoven fabrics.....	1,022	100.0	3.1	69.8	26.8	-	-	.3	-	d
227	Carpets, rugs, and mats, textile.....	553	100.0	23.8	43.4	32.8	-	-	-	-	c
2272	Tufted carpets and rugs, textile.....	553	100.0	23.8	43.4	32.8	-	-	-	-	c
228	Thread and yarn (cotton, wool, silk, and man-made fiber).....	391	100.0	1.5	46.2	52.2	-	.1	-	-	d
2281	Yarn.....	363	100.0	1.6	49.6	48.7	-	.1	-	-	d
23	Apparel, including knit apparel, and other finished textile products.....	193	100.0	.7	78.7	15.7	0.4	.1	4.4	-	c
239	Miscellaneous fabricated textile products.....	61	100.0	1.6	89.2	5.1	.3	.3	3.5	-	d
2392	Housefurnishings (except curtains, draperies, tapestries, and lace and embroidered goods).....	45	100.0	2.1	88.9	5.1	.4	.3	3.2	-	d
24	Lumber and wood products, except furniture.....	1,831	100.0	28.2	7.5	64.0	-	-	-	.3	d
25	Furniture and fixtures.....	119	100.0	26.5	21.4	45.0	-	-	-	7.1	d
251	Household and office furniture.....	116	100.0	27.1	21.9	43.7	-	-	-	7.3	d
26	Pulp, paper, and allied products.....	3,383	100.0	73.8	15.5	6.0	-	4.7	-	-	a
262	Paper (except building paper).....	276	100.0	81.0	16.4	2.6	-	-	-	-	b
2621	Paper (except building paper).....	276	100.0	81.0	16.4	2.6	-	-	-	-	b
263	Paperboard, fiberboard, and pulpboard (except insulating board).....	1,406	100.0	92.4	3.2	4.4	-	-	-	-	a
2631	Paperboard, fiberboard, and pulpboard (except insulating board).....	1,406	100.0	92.4	3.2	4.4	-	-	-	-	a
264	Converted paper and paperboard products (except containers and boxes).....	365	100.0	58.4	24.1	17.4	-	-	.1	-	d
265	Containers, boxes and related products, paperboard, fiberboard, and pulpboard.....	396	100.0	12.9	70.0	16.9	.2	-	-	-	d
281	Industrial chemicals.....	2,050	100.0	32.7	18.8	33.1	-	15.3	.1	-	d
284	Soap and detergents, cleaning preparations, perfumes, cosmetics, and other toilet preparations.....	468	100.0	43.9	55.5	.4	-	-	.1	.1	b
32	Stone, clay, and glass products.....	5,381	100.0	38.6	47.1	14.0	-	.2	.1	-	d
33	Primary metal products.....	485	100.0	39.0	26.5	34.1	-	-	.4	-	d
35	Machinery, except electrical.....	110	100.0	2.7	33.8	61.9	.1	-	1.6	-	d
36	Electrical machinery and equipment.....	114	100.0	29.3	59.5	10.8	-	-	.3	.1	c

See footnote at end of table.

TABLE 1. Percent Distribution of Commodities, by Means of Transport: 1967--Continued

TCC code	Commodity	Number	Percent distribution by means of transport								Sampling variability code ¹
			All means of transport	Rail	Motor carrier	Private truck	Air	Water	Other	Unknown	
	TON-MILES OF SHIPMENT	(millions of ton-miles)									
	Georgia, total.....	7,052	100.0	48.7	32.2	14.5	-	4.3	0.2	0.1	-
20	Food and kindred products.....	783	100.0	15.2	52.1	32.4	-	.1	-	.2	-
201	Meat, poultry, and small game; fresh, chilled or frozen.....	336	100.0	4.6	78.9	16.2	-	.3	-	-	-
2013	Meat products.....	24	100.0	26.8	9.5	62.0	-	1.7	-	-	-
2015	Dressed poultry and small game, fresh, chilled or canned.....	221	100.0	-	90.6	9.4	-	-	-	-	-
203	Canned and preserved fruits, vegetables and seafoods.....	172	100.0	25.4	31.3	42.3	-	-	-	1.0	-
2033	Canned fruits and vegetables.....	30	100.0	53.4	30.3	16.3	-	-	-	-	-
208	Beverages and flavoring extracts.....	141	100.0	24.6	31.7	43.7	-	-	-	-	-
209	Miscellaneous food preparations and kindred products.....	32	100.0	15.9	44.3	38.9	-	-	.9	-	-
22	Basic textiles.....	1,046	100.0	20.4	61.4	17.8	-	.2	.2	-	-
221	Cotton broadwoven fabrics.....	395	100.0	6.0	85.2	8.3	-	-	.5	-	-
2211	Cotton broadwoven fabrics.....	395	100.0	6.0	85.2	8.3	-	-	.5	-	-
227	Carpets, rugs, and mats, textile.....	358	100.0	29.6	42.5	27.7	-	.2	-	-	-
2272	Tufted carpets and rugs, textile.....	358	100.0	29.6	42.5	27.7	-	.2	-	-	-
228	Thread and yarn (cotton, wool, silk, and man-made fiber).....	134	100.0	8.0	70.6	20.1	-	1.3	-	-	-
2281	Yarn.....	127	100.0	8.4	74.4	15.8	-	1.4	-	-	-
23	Apparel, including knit apparel, and other finished textile products.....	120	100.0	1.6	89.5	3.1	0.4	.6	4.8	-	-
239	Miscellaneous fabricated textile products.....	41	100.0	4.4	85.4	4.4	.3	1.7	3.8	-	-
2392	Housefurnishings (except curtains, draperies, tapestries, and lace and embroidered goods).....	31	100.0	5.9	82.9	5.2	.4	2.3	3.3	-	-
24	Lumber and wood products, except furniture.....	264	100.0	48.1	13.2	38.6	-	-	-	.1	-
25	Furniture and fixtures.....	48	100.0	41.3	22.7	27.9	-	-	-	8.1	-
251	Household and office furniture.....	46	100.0	42.6	23.4	25.7	-	-	-	8.3	-
26	Pulp, paper, and allied products.....	1,664	100.0	76.6	14.1	2.7	-	6.6	-	-	-
262	Paper (except building paper).....	134	100.0	81.7	16.4	1.9	-	-	-	-	-
2621	Paper (except building paper).....	134	100.0	81.7	16.4	1.9	-	-	-	-	-
263	Paperboard, fiberboard, and pulpboard (except insulating board).....	739	100.0	95.5	2.9	1.6	-	-	-	-	-
2631	Paperboard, fiberboard, and pulpboard (except insulating board).....	739	100.0	95.5	2.9	1.6	-	-	-	-	-
264	Converted paper and paperboard products (except containers and boxes).....	170	100.0	65.6	27.0	7.3	-	-	.1	-	-
265	Containers, boxes and related products paperboard, fiberboard, and pulpboard.....	155	100.0	12.4	76.6	10.7	.3	-	-	-	-
281	Industrial chemicals.....	573	100.0	37.1	14.6	16.0	-	32.1	.2	-	-
284	Soap and detergents, cleaning preparations, perfumes, cosmetics, and other toilet preparations.....	135	100.0	42.6	56.9	.3	-	-	.1	.1	-
32	Stone, clay, and glass products.....	1,108	100.0	61.8	28.8	9.0	-	.2	.2	-	-
33	Primary metal products.....	151	100.0	52.3	23.7	23.6	-	-	.4	-	-
35	Machinery, except electrical.....	50	100.0	4.3	42.8	52.5	.2	-	.2	-	-
36	Electrical machinery and equipment.....	71	100.0	47.0	44.8	8.0	-	-	.2	-	-

¹Code letter indicates a sampling variability range as follows: a, 0-9 percent; b, 10-19 percent; c, 20-29 percent; and d, 30-50 percent. The variability for ton-miles has not been estimated.

TABLE 2. Percent Distribution of Commodities, by Distance of Shipment: 1967

TCC code	Commodity	Number	Percent distribution by distance of shipment								Sampling variability code ¹
			All distances	Under 100 miles	100 to 199 miles	200 to 299 miles	300 to 499 miles	500 to 999 miles	1,000 to 1,499 miles	1,500 miles or over	
	TONS OF SHIPMENTS	(thousands of tons)									
	Georgia, total.....	25,209	100.0	34.4	20.2	12.3	13.0	18.7	0.5	0.9	-
20	Food and kindred products.....	2,763	100.0	30.6	18.7	14.6	15.7	19.5	.4	.5	c
201	Meat, poultry, and small game; fresh, chilled or frozen.....	997	100.0	25.6	16.2	12.4	13.1	31.9	.5	.3	c
2013	Meat products.....	143	100.0	34.4	30.7	23.5	11.4	-	-	-	d
2015	Dressed poultry and small game, fresh, chilled or canned.....	511	100.0	16.5	5.0	9.5	19.0	49.9	.1	-	d
203	Canned and preserved fruits, vegetables, and seafoods.....	499	100.0	15.5	21.1	19.2	21.7	20.7	.6	1.2	d
2033	Canned fruits and vegetables.....	66	100.0	1.4	17.1	47.5	10.6	16.0	1.5	5.9	d
208	Beverages and flavoring extracts.....	559	100.0	22.0	24.6	22.2	19.5	11.5	.2	-	d
209	Miscellaneous food preparations and kindred products.....	105	100.0	29.2	23.1	7.6	17.1	22.6	-	.4	d
22	Basic textiles.....	2,301	100.0	24.3	11.1	10.6	12.2	36.3	1.1	4.4	b
221	Cotton broadwoven fabrics.....	1,022	100.0	30.9	12.2	10.2	13.0	29.8	1.0	2.9	d
2211	Cotton broadwoven fabrics.....	1,022	100.0	30.9	12.2	10.2	13.0	29.8	1.0	2.9	d
227	Carpets, rugs, and mats, textile.....	553	100.0	11.2	2.6	11.0	8.2	56.5	1.7	8.8	c
2272	Tufted carpets and rugs, textile.....	553	100.0	11.2	2.6	11.0	8.2	56.5	1.7	8.8	c
228	Thread and yarn (cotton, wool, silk, and man-made fiber).....	391	100.0	30.5	23.7	13.0	7.4	21.0	.5	3.9	d
2281	Yarn.....	363	100.0	30.4	25.5	9.8	8.0	21.6	.5	4.2	d
23	Apparel, including knit apparel, and other finished textile products.....	193	100.0	17.3	9.9	6.8	15.7	35.8	2.6	11.9	c
239	Miscellaneous fabricated textile products.....	61	100.0	6.8	3.3	8.5	21.5	46.0	4.6	9.3	d
2392	Housefurnishings (except curtains, draperies, tapestries, and lace and embroidered goods).....	45	100.0	8.3	1.4	4.4	25.9	44.8	5.4	9.8	d
24	Lumber and wood products, except furniture.....	1,831	100.0	43.8	27.5	19.7	4.1	4.7	.1	.1	c
25	Furniture and fixtures.....	119	100.0	10.0	20.0	12.9	22.2	33.2	1.1	.6	d
251	Household and office furniture.....	116	100.0	10.2	20.2	12.8	21.9	33.2	1.1	.6	d
26	Pulp, paper, and allied products.....	3,383	100.0	14.6	6.5	10.2	16.0	50.5	1.4	.8	a
262	Paper (except building paper).....	276	100.0	17.3	2.8	6.9	17.9	53.9	1.2	-	c
2621	Paper (except building paper).....	276	100.0	17.3	2.8	6.9	17.9	53.9	1.2	-	c
263	Paperboard, fiberboard, and pulpboard (except insulating board).....	1,406	100.0	8.1	6.3	11.3	15.1	57.6	.7	.9	a
2631	Paperboard, fiberboard, and pulpboard (except insulating board).....	1,406	100.0	8.1	6.3	11.3	15.1	57.6	.7	.9	a
264	Converted paper and paperboard products (except containers and boxes).....	365	100.0	5.0	9.0	23.1	18.8	43.0	1.1	-	c
265	Containers, boxes and related products, paperboard, fiberboard, and pulpboard.....	396	100.0	10.4	19.0	16.1	16.8	37.6	.1	-	c
281	Industrial chemicals.....	2,050	100.0	41.0	18.4	12.1	5.1	22.2	.3	.9	c
284	Soap and detergents, cleaning preparations, perfumes cosmetics, and other toilet preparations.....	468	100.0	19.4	22.2	19.5	20.1	18.3	.2	.3	c
32	Stone, clay, and glass products.....	5,381	100.0	38.7	23.8	11.1	19.1	7.0	.1	.2	c
33	Primary metal products.....	485	100.0	14.4	27.8	14.7	33.2	8.7	-	1.2	c
35	Machinery, except electrical.....	110	100.0	12.9	10.1	15.2	31.0	23.8	2.8	4.2	c
36	Electrical machinery and equipment.....	114	100.0	4.8	8.1	10.1	28.0	36.8	1.2	11.0	c

See footnote at end of table.

TABLE 2. Percent Distribution of Commodities, by Distance of Shipment: 1967--Continued

TCC code	Commodity	Number	Percent distribution by distance of shipment								Sampling variability code ¹
			All distances	Under 100 miles	100 to 199 miles	200 to 299 miles	300 to 499 miles	500 to 999 miles	1,000 to 1,499 miles	1,500 miles or over	
	TON-MILES OF SHIPMENTS	(millions of ton-miles)									
	Georgia, total.....	7,052	100.0	6.5	10.3	10.8	18.1	45.6	2.0	6.7	-
20	Food and kindred products.....	783	100.0	5.1	9.9	12.6	21.9	45.2	1.7	3.6	-
201	Meat, poultry, and small game: fresh, chilled or frozen.....	336	100.0	3.4	7.1	9.1	15.4	61.5	1.5	2.0	-
2013	Meat products.....	24	100.0	8.8	28.7	37.4	25.1	-	-	-	-
2015	Dressed poultry and small game, fresh chilled or canned.....	221	100.0	1.4	1.8	5.2	17.8	73.6	.2	-	-
203	Canned and preserved fruits, vegetables, and seafoods.....	172	100.0	2.6	10.0	13.5	24.6	39.9	2.2	7.2	-
2033	Canned fruits and vegetables.....	30	100.0	.2	6.9	26.8	10.4	24.1	4.1	27.5	-
208	Beverages and flavoring extracts.....	141	100.0	5.0	14.4	21.4	29.3	29.1	.8	-	-
209	Miscellaneous food preparations and kindred products.....	32	100.0	4.9	11.8	5.5	20.9	54.2	-	2.7	-
22	Basic textiles.....	1,046	100.0	2.9	3.5	5.9	10.5	55.6	3.0	18.6	-
221	Cotton broadwoven fabrics.....	395	100.0	4.7	4.4	6.4	12.6	54.6	3.1	14.2	-
2211	Cotton broadwoven fabrics.....	395	100.0	4.7	4.4	6.4	12.6	54.6	3.1	14.2	-
227	Carpets, rugs, and mats, textile.....	358	100.0	.8	.6	4.6	5.4	58.7	3.2	26.7	-
2272	Tufted carpets and rugs, textile.....	358	100.0	.8	.6	4.6	5.4	58.7	3.2	26.7	-
228	Thread and yarn (cotton, wool, silk, and man-made fiber).....	134	100.0	3.8	10.5	9.1	8.6	44.0	1.4	22.6	-
2281	Yarn.....	127	100.0	3.5	11.1	6.9	9.0	44.1	1.5	23.9	-
23	Apparel, including knit apparel, and other finished textile products.....	120	100.0	1.2	2.2	2.8	10.2	40.7	4.7	38.2	-
239	Miscellaneous fabricated textile products.....	41	100.0	.7	.7	3.3	12.6	46.7	7.8	28.2	-
2392	Housefurnishings (except curtains, draperies, tapestries, and lace and embroidered goods).....	31	100.0	.8	.3	1.6	14.7	44.8	8.7	29.1	-
24	Lumber and wood products, except furniture.....	264	100.0	9.8	26.5	29.6	9.8	21.8	1.1	1.4	-
25	Furniture and fixtures.....	48	100.0	1.6	7.6	7.9	22.4	54.5	2.7	3.3	-
251	Household and office furniture.....	46	100.0	1.7	7.7	7.8	22.1	54.5	2.8	3.4	-
26	Pulp, paper, and allied products.....	1,664	100.0	1.7	1.9	5.3	12.6	71.6	3.1	3.8	-
262	Paper (except building paper).....	134	100.0	1.4	1.0	3.6	14.0	77.1	2.7	.2	-
2621	Paper (except building paper).....	134	100.0	1.4	1.0	3.6	14.0	77.1	2.7	.2	-
263	Paperboard, fiberboard, and pulpboard (except insulating board).....	739	100.0	.9	1.8	5.6	11.3	75.3	1.6	3.5	-
2631	Paperboard, fiberboard, and pulpboard (except insulating board).....	739	100.0	.9	1.8	5.6	11.3	75.3	1.6	3.5	-
264	Converted paper and paperboard products (except containers and boxes).....	170	100.0	.6	2.9	13.6	14.2	65.6	3.0	.1	-
265	Containers, boxes and related products, paperboard, fiberboard, and pulpboard.....	155	100.0	2.0	7.3	9.4	17.6	63.2	.3	.2	-
281	Industrial chemicals.....	573	100.0	8.3	10.2	11.0	7.2	54.4	1.4	7.5	-
284	Soap and detergents, cleaning preparations, perfumes, cosmetics, and other toilet preparations.....	135	100.0	1.9	11.3	16.5	27.8	39.9	.7	1.9	-
32	Stone, clay, and glass products.....	1,108	100.0	10.5	15.8	13.0	35.6	22.3	.6	2.2	-
33	Primary metal products.....	151	100.0	1.9	13.2	11.5	48.1	17.9	.1	7.3	-
35	Machinery, except electrical.....	50	100.0	1.6	3.3	8.0	26.3	36.9	6.6	17.3	-
36	Electrical machinery and equipment.....	71	100.0	.4	1.8	4.2	17.3	39.4	2.5	34.4	-

¹Code letter indicates a sampling variability range as follows: a, 0-9 percent; b, 10-19 percent; c, 20-29 percent; and d, 30-50 percent. The variability for ton-miles has not been estimated.

TABLE 3. Percent Distribution of Commodities, by Geographic Division of Destination: 1967

TCC code	Commodity	Number	Percent distribution by geographic division ¹ of destination										Sampling variability code ³
			All means of transport	New England	Middle Atlantic	East North Central	West North Central	South Atlantic	East South Central	West South Central	Mountain	Pacific ²	
	TONS OF SHIPMENTS	(thous. of tons)											
	Georgia, total.....	25,209	100.0	1.1	6.2	8.2	1.3	64.6	14.8	2.8	0.2	0.8	-
20	Food and kindred products.....	2,763	100.0	.8	6.5	7.5	1.9	64.8	14.8	3.1	.2	.4	c
201	Meat, poultry, and small game; fresh, chilled or frozen.....	997	100.0	1.4	12.6	17.5	4.0	55.8	8.1	.3	-	.3	c
2013	Meat products.....	143	100.0	-	-	-	-	73.8	26.2	-	-	-	d
2015	Dressed poultry and small game, fresh, chilled or canned.....	511	100.0	1.7	17.9	31.9	5.5	36.4	6.0	.5	.1	-	d
203	Canned and preserved fruits, vegetables and seafoods.....	499	100.0	.8	5.8	3.4	1.1	60.0	20.7	6.6	.6	1.0	d
2033	Canned fruits and vegetables.....	66	100.0	.6	6.7	7.7	.3	71.6	4.1	1.6	1.5	5.9	d
208	Beverages and flavoring extracts.....	559	100.0	.9	.4	1.3	-	72.6	23.0	1.8	-	-	d
209	Miscellaneous food preparations and kindred products.....	105	100.0	-	13.5	4.6	-	52.3	29.0	.2	-	.4	d
22	Basic textiles.....	2,301	100.0	4.4	16.3	9.8	2.7	42.6	14.1	5.2	1.2	3.7	b
221	Cotton broadwoven fabrics.....	1,022	100.0	4.5	15.1	5.5	2.0	51.4	14.9	3.6	.5	2.5	d
2211	Cotton broadwoven fabrics.....	1,022	100.0	4.5	15.1	5.5	2.0	51.4	14.9	3.6	.5	2.5	d
227	Carpets, rugs, and mats, textile.....	553	100.0	4.5	26.5	14.7	2.3	24.6	8.2	8.8	3.7	6.7	c
2272	Tufted carpets and rugs, textile.....	553	100.0	4.5	26.5	14.7	2.3	24.6	8.2	8.8	3.7	6.7	c
228	Thread and yarn (cotton, wool, silk, and man-made fiber).....	391	100.0	4.2	11.6	4.5	.2	51.9	21.3	2.4	-	3.9	d
2281	Yarn.....	363	100.0	3.6	12.5	4.8	.2	49.2	22.9	2.6	-	4.2	d
23	Apparel, including knit apparel, and other finished textile products.....	193	100.0	3.8	12.9	12.5	6.1	39.2	8.6	4.2	3.3	9.4	c
239	Miscellaneous fabricated textile products.....	61	100.0	2.2	17.2	15.6	5.8	32.4	8.0	7.3	3.8	7.7	d
2392	Housefurnishings (except curtains, draperies, tapestries, and lace and embroidered goods).....	45	100.0	2.2	11.7	16.6	6.3	37.2	4.4	9.8	3.4	8.4	d
24	Lumber and wood products, except furniture.....	1,831	100.0	.2	.8	2.5	.1	89.0	6.5	.7	.1	.1	d
25	Furniture and fixtures.....	119	100.0	6.2	8.9	9.5	5.5	42.5	21.9	4.9	.1	.5	d
251	Household and office furniture.....	116	100.0	6.3	8.0	9.7	5.6	42.7	22.0	5.0	.1	.6	d
26	Pulp, paper, and allied products.....	3,383	100.0	3.1	19.2	24.5	2.8	34.2	11.3	3.9	.2	.8	a
262	Paper (except building paper).....	276	100.0	2.6	22.5	19.1	2.9	46.8	5.1	1.0	-	-	b
2621	Paper (except building paper).....	276	100.0	2.6	22.5	19.1	2.9	46.8	5.1	1.0	-	-	b
263	Paperboard, fiberboard, and pulpboard (except insulating board).....	1,406	100.0	5.6	17.0	34.7	2.5	26.3	8.1	4.8	.1	.9	a
2631	Paperboard, fiberboard, and pulpboard (except insulating board).....	1,406	100.0	5.6	17.0	34.7	2.5	26.3	8.1	4.8	.1	.9	a
264	Converted paper and paperboard products (except containers and boxes).....	365	100.0	2.6	18.8	12.9	3.9	35.4	23.8	2.1	.5	-	b
265	Containers, boxes and related products, paperboard, fiberboard, and pulpboard.....	396	100.0	1.1	12.2	9.0	3.5	49.6	15.3	9.2	.1	-	b
281	Industrial chemicals.....	2,050	100.0	.2	3.4	5.0	.2	71.7	16.9	1.7	-	.9	b
284	Soap and detergents, cleaning preparations, perfumes, cosmetics, and other toilet preparations.....	468	100.0	.1	2.9	1.9	1.2	70.7	15.3	7.6	.1	.2	b
32	Stone, clay, and glass products.....	5,381	100.0	.2	1.2	5.4	1.2	73.6	16.0	2.2	-	.2	b
33	Primary metal products.....	485	100.0	.2	1.7	29.2	.5	50.6	16.0	.6	-	1.2	b
35	Machinery, except electrical.....	110	100.0	1.6	7.7	7.7	.7	51.0	14.7	12.3	.9	3.4	b
36	Electrical machinery and equipment.....	114	100.0	4.2	9.9	15.0	3.4	28.3	17.3	10.0	3.3	8.6	c

See footnotes at end of table.

TABLE 3. Percent Distribution of Commodities, by Geographic Division of Destination: 1967--Continued

TCC code	Commodity	Number	Percent distribution by geographic division ¹ of destination										Sampling variability code ³
			All means of transport	New England	Middle Atlantic	East North Central	West North Central	South Atlantic	East South Central	West South Central	Mountain	Pacific ²	
	TON-MILES OF SHIPMENTS	(millions of ton-miles)											
	Georgia, total.....	7,052	100.0	3.7	15.5	17.1	3.6	36.3	10.5	6.1	1.2	6.0	-
20	Food and kindred products.....	783	100.0	2.8	15.8	14.2	5.2	41.2	10.9	5.7	1.1	3.1	-
201	Meat, poultry, and small game; fresh, chilled or frozen.....	336	100.0	3.8	24.7	26.9	9.5	25.8	6.6	.6	.1	2.0	-
2013	Meat products.....	24	100.0	-	-	-	-	55.8	44.2	-	-	-	-
2015	Dressed poultry and small game, fresh, chilled or canned.....	221	100.0	3.6	27.6	38.1	9.2	16.8	3.7	.8	.2	-	-
203	Canned and preserved fruits, vegetables and seafoods.....	172	100.0	2.2	12.1	6.5	2.6	44.5	14.0	9.4	2.7	6.0	-
2033	Canned fruits and vegetables.....	30	100.0	1.2	11.3	9.5	.5	42.1	1.9	1.9	4.1	27.5	-
208	Beverages and flavoring extracts.....	141	100.0	3.2	1.3	3.3	-	71.2	16.2	4.8	-	-	-
209	Miscellaneous food preparations and kindred products.....	32	100.0	-	35.8	9.7	-	28.3	23.1	.4	-	2.7	-
22	Basic textiles.....	1,046	100.0	8.7	25.2	12.1	3.7	16.7	6.3	7.4	4.0	15.9	-
221	Cotton broadwoven fabrics.....	395	100.0	10.3	27.4	7.6	3.7	20.8	9.2	6.5	1.9	12.6	-
2211	Cotton broadwoven fabrics.....	395	100.0	10.3	27.4	7.6	3.7	20.8	9.2	6.5	1.9	12.6	-
227	Carpets, rugs, and mats, textile.....	358	100.0	6.2	28.3	11.5	2.4	11.0	2.0	8.8	9.2	20.6	-
2272	Tufted carpets and rugs, textile.....	358	100.0	6.2	28.3	11.5	2.4	11.0	2.0	8.8	9.2	20.6	-
228	Thread and yarn (cotton, wool, silk, and man-made fiber).....	134	100.0	11.2	23.5	8.5	.4	23.8	6.8	3.1	.1	22.6	-
2281	Yarn.....	127	100.0	9.6	24.7	9.0	.4	22.0	7.1	3.3	.1	23.8	-
23	Apparel, including knit apparel, and other finished textile products.....	120	100.0	5.6	14.5	12.2	7.0	11.8	3.9	5.1	8.2	31.7	-
239	Miscellaneous fabricated textile products.....	41	100.0	2.9	17.5	13.0	6.7	15.2	3.2	9.1	8.1	24.3	-
2392	Housefurnishings (except curtains, draperies, tapestries, and lace and embroidered goods).....	31	100.0	2.9	12.1	13.6	7.2	17.7	1.7	11.9	7.0	25.9	-
24	Lumber and wood products, except furniture.....	264	100.0	1.0	4.0	11.5	.4	71.0	6.4	3.7	.6	1.4	-
25	Furniture and fixtures.....	48	100.0	13.2	14.5	13.5	8.9	26.7	13.0	6.8	.4	3.0	-
251	Household and office furniture.....	46	100.0	13.3	13.3	13.7	9.1	27.1	13.1	6.9	.4	3.1	-
26	Pulp, paper, and allied products.....	1,664	100.0	5.7	27.4	31.5	4.6	14.1	7.2	5.2	.5	3.8	-
262	Paper (except building paper).....	134	100.0	4.9	35.6	23.0	5.0	24.8	4.8	1.7	-	.2	-
2621	Paper (except building paper).....	134	100.0	4.9	35.6	23.0	5.0	24.8	4.8	1.7	-	.2	-
263	Paperboard, fiberboard, and pulpboard (except insulating board).....	739	100.0	9.6	22.1	38.8	3.8	10.8	5.0	6.1	.3	3.5	-
2631	Paperboard, fiberboard, and pulpboard (except insulating board).....	739	100.0	9.6	22.1	38.8	3.8	10.8	5.0	6.1	.3	3.5	-
264	Converted paper and paperboard products (except containers and boxes).....	170	100.0	4.9	26.5	21.2	7.6	20.4	14.7	3.1	1.5	.1	-
265	Containers, boxes and related products, paperboard, fiberboard, and pulpboard.....	155	100.0	2.4	22.1	12.8	7.2	33.0	8.1	14.0	.2	.2	-
281	Industrial chemicals.....	573	100.0	.7	9.1	12.6	.7	56.1	9.1	4.0	.2	7.5	-
284	Soap and detergents, cleaning preparations, perfumes, cosmetics, and other toilet preparations.....	135	100.0	.3	6.7	3.8	3.0	51.7	15.7	16.6	.5	1.7	-
32	Stone, clay, and glass products.....	1,108	100.0	.8	3.9	13.5	4.4	52.5	16.0	6.5	.3	2.1	-
33	Primary metal products.....	151	100.0	.6	3.9	44.9	1.1	32.0	8.9	1.2	.1	7.3	-
35	Machinery, except electrical.....	50	100.0	3.5	14.3	10.0	1.4	30.1	8.1	15.0	2.9	14.7	-
36	Electrical machinery and equipment.....	71	100.0	6.0	10.9	11.6	4.0	15.2	6.5	9.4	8.4	28.0	-

¹For States included in the geographic divisions see map on inside cover.²Shipments to Alaska and Hawaii from the 48 conterminous States and the District of Columbia are included; no data were obtained for shipments originating in Alaska and Hawaii.³Code letter indicates a sampling variability range as follows: a, 0-9 percent; b, 10-19 percent; c, 20-29 percent; and d, 30-50 percent. The variability for ton-miles has not been estimated.

ILLINOIS

SUMMARY

The estimates of tons and ton-miles are based on reports from a sample of manufacturing establishments located in the State of Illinois. The total tons and ton-miles represent the total intercity shipments by essentially all manufacturing establishments in the State, except for plants with less than 20 employees. However, since the data are based on a sample, the estimates necessarily are subject to "sampling variability."

The approximate degree of sampling variability for tons for each commodity or commodity class is indicated in the last column of tables 1 to 3. In general, most of the commodity data in this report are subject to substantial sampling variability and should be treated as approximate rather than precise measures.

About 86 million tons of commodities were shipped by plants in this area to destinations beyond the local area. These shipments generated 29 billion ton-miles by all means of transport combined, and averaged about 336 straight-line miles per ton shipped.

Table B indicates that 29 percent of the tons moved less than 100 miles but that mileage

block accounts for only about 4 percent of the ton-miles.

Motor carrier and rail are the dominant means of transport, accounting for 39 percent and 37 percent, respectively. When measured in terms of ton-miles rather than tons, rail becomes dominant accounting for 53 percent of the total ton-miles while motor carrier accounts for about 33 percent.

As shown in tables A and B, petroleum and coal products have a marked influence on the distribution of shipments as a result of their large volume and unusual traffic pattern. Consequently, two totals are shown: (1) all commodities combined, and (2) the total exclusive of petroleum and coal products. The influence of these products is most evident in connection with shipments by water, as measured by both tons and ton-miles.

As shown in table C, about 66 percent of the total tons shipped by plants in Illinois remained in the North Central Region. However, for some commodity groups (such as Machinery; Miscellaneous Products of Manufacturing; and Instruments, Photographic Goods, Optical Goods, etc.) a more widespread distribution is indicated.

Table A. PERCENT DISTRIBUTION OF SHIPMENTS, AND AVERAGE LENGTH OF HAUL, BY MEANS OF TRANSPORT

Means of transport	Tons	Ton-miles	Average length of haul
	(thou-sands)	(millions)	(miles)
All commodities.....	85,756	28,828	-
All commodities except petroleum and coal products.....	67,013	25,349	-
Percent distribu-tion			
ALL COMMODITIES			
All means of transport.....	100.0	100.0	336
Rail.....	37.4	52.8	475
Motor carrier.....	39.0	32.7	282
Private truck.....	12.7	5.5	146
Air.....	.1	.2	-
Water.....	10.3	8.2	-
All other.....	.5	.6	-
ALL COMMODITIES EXCEPT PETROLEUM AND COAL PRODUCTS			
All means of transport.....	100.0	100.0	378
Rail.....	44.6	56.3	479
Motor carrier.....	39.3	35.3	340
Private carrier.....	14.7	6.0	153
Air.....	.1	.2	-
Water.....	.7	1.5	-
All other.....	.6	.7	-

Note: Average length of haul is based on straight-line miles from plant to customer or primary redistribution point, weighted by tonnage shipped (i.e., ton-miles divided by tons). Rail short-line and highway direct-route distances average about 24 and 21 percent, respectively, longer than straight-line distances.

Table B. PERCENT DISTRIBUTION OF SHIPMENTS BY DISTANCE OF SHIPMENT

Distance shipped	Tons	Ton-miles
ALL COMMODITIES		
All distances.....	100.0	100.0
Under 100 miles.....	29.4	3.8
100 to 199 miles.....	15.8	6.7
200 to 299 miles.....	17.0	12.5
300 to 499 miles.....	15.4	17.7
500 to 999 miles.....	17.8	37.7
1,000 to 1,499 miles.....	1.4	4.8
1,500 miles and over.....	3.2	16.8
ALL COMMODITIES EXCEPT PETROLEUM AND COAL PRODUCTS		
All distances.....	100.0	100.0
Under 100 miles.....	25.1	3.4
100 to 199 miles.....	16.9	6.3
200 to 299 miles.....	14.0	9.2
300 to 499 miles.....	16.9	17.2
500 to 999 miles.....	21.5	40.6
1,000 to 1,499 miles.....	1.8	5.3
1,500 miles and over.....	3.8	18.0

Table C. PERCENT DISTRIBUTION OF TONS OF COMMODITIES BY REGION OF DESTINATION

TCC code	Commodity class	Tons (thousands)	Percent distribution by region ¹ of destination				
			All des-tinations	North-east	North Central	South	West
	Total.....	² 85,756	100.0	8.9	66.4	20.5	4.2
20	Food and kindred products.....	27,128	100.0	14.6	57.5	24.5	3.4
23	Apparel, including knit apparel, and other finished textile products.....	80	100.0	8.7	71.7	16.5	3.1
24	Lumber and wood products, except furniture.....	234	100.0	13.4	61.7	22.7	2.2
25	Furniture and fixtures.....	400	100.0	17.6	57.8	17.1	7.5
26	Pulp, paper, and allied products.....	2,102	100.0	4.6	82.6	8.8	4.0
28	Chemicals and allied products.....	7,741	100.0	8.9	64.6	21.2	5.3
29	Petroleum and coal products.....	18,743	100.0	1.3	72.1	25.5	1.1
30	Rubber and miscellaneous plastics products.....	552	100.0	16.0	61.4	15.4	7.2
32	Stone, clay, and glass products.....	5,416	100.0	3.4	89.7	5.8	1.1
33	Primary metal products.....	9,605	100.0	4.1	78.0	12.5	5.4
34	Fabricated metal products.....	4,312	100.0	8.2	73.2	14.2	4.4
35	Machinery, except electrical.....	4,219	100.0	14.8	47.7	23.6	13.9
36	Electrical machinery and equipment.....	1,602	100.0	32.3	35.7	19.8	12.2
37	Transportation equipment.....	2,444	100.0	8.2	60.3	20.8	10.7
38	Instruments, photographic goods, optical goods, watches, and clocks.....	100	100.0	23.2	47.5	17.9	11.4
39	Miscellaneous products of manufacturing.....	264	100.0	19.9	39.3	24.7	16.1

¹See map on inside cover for areas included in the regions of the United States.

²Total includes commodities not shown separately.

TABLE 1. Percent Distribution of Commodities, by Means of Transport: 1967

TCC code	Commodity	Number	Percent distribution by means of transport								Sampling variability code ¹
			All means of transport	Rail	Motor carrier	Private truck	Air	Water	Other	Unknown	
	TONS OF SHIPMENTS	(thousands of tons)									
	Illinois, total.....	85,756	100.0	37.4	39.0	12.7	0.1	10.3	0.4	1.0	-
20	Food and kindred products.....	27,128	100.0	56.1	25.8	17.5	-	-	.4	.2	c
201	Meat, poultry, and small game; fresh, chilled or frozen.....	1,834	100.0	43.2	29.8	26.1	-	.5	.2	.2	d
2011	Meat, fresh or chilled, not salted....	481	100.0	8.2	65.6	26.2	-	-	-	-	d
2012	Meat, fresh-frozen.....	30	100.0	8.7	90.8	.5	-	-	-	-	d
2013	Meat products.....	305	100.0	31.4	44.7	19.8	-	2.9	1.2	-	c
203	Canned and preserved fruits, vegetables, and seafoods.....	1,713	100.0	56.6	36.4	6.9	.1	-	-	-	b
2033	Canned fruits and vegetables.....	588	100.0	48.4	37.1	14.5	-	-	-	-	d
2037	Frozen fruits, vegetables, fruit juices, and specialties.....	242	100.0	16.6	76.4	6.2	.7	.1	-	-	d
204	Grain mill products.....	14,514	100.0	55.1	21.3	22.8	-	-	.6	.2	c
2042	Prepared feed for animals, fish, and fowls (except hay, straw, or related products).....	8,525	100.0	32.0	29.8	36.8	-	-	1.1	.3	d
207	Confectionery and related products....	992	100.0	34.4	61.9	2.4	-	.1	.1	1.1	b
2071	Confectionery and related products....	992	100.0	34.4	61.9	2.4	-	.1	.1	1.1	b
208	Beverages and flavoring extracts.....	1,745	100.0	29.6	31.3	38.0	-	.1	1.0	-	b
2082	Malt liquors.....	740	100.0	29.4	12.2	58.4	-	-	-	-	a
2086	Bottled and canned soft drinks and carbonated, mineral, and plain waters	347	100.0	.4	50.1	45.3	-	-	4.2	-	d
2099	Miscellaneous food preparations.....	459	100.0	27.0	67.3	4.7	-	-	.5	.5	d
23	Apparel, including knit apparel, and other finished textile products.....	80	100.0	17.4	61.0	9.7	1.2	.1	10.6	-	c
231	Men's, youths', and boys' clothing....	36	100.0	35.1	54.4	1.1	1.2	.2	8.0	-	d
2311	Men's, youths', and boys' clothing....	36	100.0	35.1	54.4	1.1	1.2	.2	8.0	-	d
238	Miscellaneous apparel and accessories.	18	100.0	-	85.8	12.6	.2	-	1.3	.1	d
239	Miscellaneous fabricated textile products.....	15	100.0	8.3	45.6	33.8	1.0	-	11.3	-	c
24	Lumber and wood products, except furniture.....	234	100.0	32.6	50.8	16.0	-	.2	.4	-	d
243	Millwork and prefabricated wood products, including plywood and veneer...	68	100.0	8.8	57.8	32.3	-	.7	.4	-	d
2431	Millwork (except metal covered).....	68	100.0	8.8	57.8	32.3	-	.7	.4	-	d
244	Wooden containers.....	9	100.0	91.7	4.7	3.6	-	-	-	-	d
2441	Wooden containers.....	9	100.0	91.7	4.7	3.6	-	-	-	-	d
25	Furniture and fixtures.....	400	100.0	27.8	53.6	18.0	.2	-	.3	.1	b
251	Household and office furniture.....	245	100.0	19.1	51.3	28.9	.2	-	.4	.1	c
2511	Chairs, rockers, benches, and stools..	18	100.0	33.5	60.1	6.2	-	-	.2	-	d
2512	Tables or desks.....	39	100.0	57.9	41.6	.5	-	-	-	-	d
2517	Cabinets and cases.....	72	100.0	17.0	63.0	18.9	.5	-	.6	-	d
254	Partitions, shelving, lockers, and office and store fixtures.....	131	100.0	37.3	62.0	.6	-	-	.1	-	d
2542	Metal partitions, shelving, lockers, and office and store fixtures.....	129	100.0	37.7	61.9	.3	-	-	.1	-	d
26	Pulp, paper, and allied products.....	2,102	100.0	13.8	60.9	22.4	-	.1	1.1	1.7	b
263	Paperboard, fiberboard, and pulpboard (except insulating board).....	292	100.0	15.4	64.7	19.9	-	-	-	-	d
2631	Paperboard, fiberboard, and pulpboard (except insulating board).....	292	100.0	15.4	64.7	19.9	-	-	-	-	d
264	Converted paper and paperboard products (except containers and boxes)...	484	100.0	10.9	82.2	5.8	.1	.4	.5	.1	c
2642	Envelopes (except stationery).....	65	100.0	1.3	92.2	3.9	.3	.1	2.2	-	d
2649	Miscellaneous converted paper products and paperboard products.....	159	100.0	30.4	65.9	3.7	-	-	-	-	d
265	Containers, boxes and related products, paperboard, fiberboard, and pulpboard.....	1,047	100.0	9.4	52.5	36.5	-	-	1.6	-	c
2651	Containers, boxes, baskets, pallets and skids, paperboard, fiberboard, and pulpboard.....	854	100.0	7.1	53.8	37.2	-	-	1.0	-	d
2654	Sanitary food containers.....	131	100.0	-	61.6	38.0	.1	-	.3	-	d

See footnote at end of table.

TABLE 1. Percent Distribution of Commodities, by Means of Transport: 1967--Continued

TCC code	Commodity	Number	Percent distribution by means of transport								Sampling variability code
			All means of transport	Rail	Motor carrier	Private truck	Air	Water	Other	Unknown	
	TONS OF SHIPMENTS--Continued	(thousands of tons)									
28	Chemicals and allied products.....	7,741	100.0	34.1	42.5	19.2	-	3.6	0.5	0.1	b
281	Industrial chemicals.....	3,162	100.0	55.0	26.1	10.5	-	8.1	.1	.2	b
2812	Basic inorganic chemical compounds (including chlorine, potassium, and sodium compounds).....	655	100.0	50.4	30.8	18.4	-	-	-	.4	b
2818	Miscellaneous industrial organic chemicals.....	383	100.0	56.2	35.6	7.7	-	.3	.1	.1	d
282	Plastic materials and plasticizers, synthetic resins, rubbers, and fibers.	742	100.0	24.9	58.8	14.6	0.1	-	1.4	.2	d
2821	Plastic materials and plasticizers, synthetic resins, rubbers, and fibers.	742	100.0	24.9	58.8	14.6	.1	-	1.4	.2	d
284	Soap and detergents, cleaning preparations, perfumes, cosmetics, and other toilet preparations.....	981	100.0	17.4	71.1	8.2	-	2.5	.7	.1	b
2841	Soap and other detergents (except specialty cleansers).....	448	100.0	30.7	52.3	11.1	-	5.5	.2	.2	b
2842	Specialty cleaning, polishing, and sanitation preparations (except soap and detergents).....	312	100.0	5.9	89.4	3.5	.1	-	1.1	-	d
2844	Perfumes, cosmetics, and other toilet preparations.....	186	100.0	7.4	88.6	2.6	.1	-	1.3	-	c
285	Paints, varnishes, lacquers, enamels, and allied products.....	688	100.0	14.7	60.7	24.3	-	-	.2	.1	c
2851	Paints, varnishes, lacquers, enamels, and allied products.....	688	100.0	14.7	60.7	24.3	-	-	.2	.1	c
29	Petroleum and coal products.....	18,743	100.0	12.1	38.0	5.4	-	44.5	-	-	b
291	Products of petroleum refining.....	16,684	100.0	7.9	37.7	4.3	-	50.1	-	-	b
2911	Products of petroleum refining (except liquefied petroleum gases and petroleum coke and breeze).....	16,480	100.0	7.7	38.1	3.6	-	50.6	-	-	b
295	Paving and roofing materials.....	1,457	100.0	27.2	52.6	19.8	-	-	.4	-	b
2951	Paving mixtures and blocks.....	233	100.0	7.8	38.0	54.2	-	-	-	-	c
2952	Asphalt felt and coatings.....	1,224	100.0	30.9	55.3	13.3	-	-	.5	-	b
299	Miscellaneous petroleum and coal products.....	602	100.0	89.7	10.0	.3	-	-	-	-	a
2991	Miscellaneous petroleum and coal products.....	602	100.0	89.7	10.0	.3	-	-	-	-	a
30	Rubber and miscellaneous plastics products.....	552	100.0	16.0	71.5	9.3	.4	-	2.7	.1	b
307	Miscellaneous plastic products.....	373	100.0	12.6	80.8	3.1	.6	-	2.8	.1	c
3071	Miscellaneous plastic products.....	373	100.0	12.6	80.8	3.1	.6	-	2.8	.1	c
32	Stone, clay, and glass products.....	5,416	100.0	38.0	44.2	17.8	-	-	-	-	c
322	Glass and glassware, pressed and blown.	1,550	100.0	16.9	80.6	2.5	-	-	-	-	c
3221	Glass containers, caps and covers.....	1,550	100.0	16.9	80.6	2.5	-	-	-	-	c
325	Structural clay products.....	707	100.0	14.4	32.3	53.3	-	-	-	-	d
327	Concrete, gypsum, plaster, and plaster products.....	916	100.0	19.9	31.7	48.4	-	-	-	-	d
329	Abrasives, asbestos, and miscellaneous nonmetallic mineral products.....	516	100.0	34.9	51.7	13.0	.1	-	.3	-	d
33	Primary metal products.....	9,605	100.0	45.2	46.8	6.0	-	1.9	.1	-	a
331	Steel works and rolling mill products..	6,711	100.0	54.9	38.9	3.6	-	2.6	-	-	a
3312	Primary iron and steel products (except coke-oven products).....	5,996	100.0	57.9	35.5	3.7	-	2.9	-	-	b
3315	Steel wire, nails, and spikes.....	681	100.0	26.7	69.8	3.2	-	-	.3	-	b
332	Iron and steel castings.....	1,297	100.0	20.8	67.1	11.1	-	.8	.1	.1	c
3321	Iron and steel castings.....	1,297	100.0	20.8	67.1	11.1	-	.8	.1	.1	c
333	Nonferrous metals primary smelter products (slab, ingot, pig, etc., and residues).....	438	100.0	26.6	59.7	13.5	-	-	.2	-	d
335	Nonferrous metal basic shapes.....	755	100.0	31.6	54.8	12.8	.3	-	.3	.2	c

See footnote at end of table.

TABLE 1. Percent Distribution of Commodities, by Means of Transport: 1967--Continued

TCC code	Commodity	Number	Percent distribution by means of transport								Sampling variability code ¹
			All means of transport	Rail	Motor carrier	Private truck	Air	Water	Other	Unknown	
	TONS OF SHIPMENTS--Continued	(thousands of tons)									
3351	Copper, brass, bronze, and other copper base alloy basic shapes.....	229	100.0	25.4	46.9	26.9	-	-	0.8	-	d
3352	Aluminum and aluminum base alloy basic shapes (except aluminum foil).....	187	100.0	21.1	68.8	9.1	0.8	-	.2	-	b
3356	Miscellaneous nonferrous metal basic shapes (plate, sheet, strip, rods, bars, pipe, and tubing).....	121	100.0	37.2	51.4	10.2	.1	0.1	-	1.0	d
3369	Miscellaneous nonferrous metal castings	29	100.0	.8	93.7	4.6	.1	-	.8	-	d
339	Miscellaneous primary metal products...	308	100.0	11.6	77.5	10.0	.1	-	.7	.1	c
3391	Iron and steel forgings.....	289	100.0	10.3	78.9	10.7	.1	-	-	-	c
34	Fabricated metal products.....	4,312	100.0	21.1	60.4	17.1	.3	.1	.8	.2	b
341	Metal cans.....	586	100.0	38.3	41.5	19.5	-	-	.3	.4	b
3411	Metal cans.....	586	100.0	38.3	41.5	19.5	-	-	.3	.4	b
342	Cutlery, hand tools, and general hardware.....	220	100.0	11.4	71.7	12.5	.3	.1	3.9	.1	c
3423	Hand and edge tools (except machine tools and hand saws).....	89	100.0	2.7	71.3	20.3	-	-	5.5	.2	d
3428	Builders' and cabinet hardware and fireplace equipment.....	67	100.0	28.8	66.5	.6	.1	-	4.0	-	d
3429	Miscellaneous hardware.....	64	100.0	5.3	77.9	13.9	1.1	.2	1.6	-	d
343	Plumbing fixtures and heating apparatus (except electric).....	85	100.0	3.2	89.8	2.8	2.3	.3	1.6	-	d
344	Structural and miscellaneous metal products.....	1,297	100.0	15.5	61.6	22.7	.1	-	.1	-	d
3441	Structural metal products.....	543	100.0	15.5	59.2	24.9	.1	-	.3	-	d
345	Bolts, nuts, screws, rivets, washers, and other industrial fasteners.....	456	100.0	.7	94.1	1.9	1.1	-	2.2	-	d
3452	Bolts, nuts, screws, rivets, washers, and other industrial fasteners.....	456	100.0	.7	94.1	1.9	1.1	-	2.2	-	d
346	Metal stampings.....	240	100.0	12.8	73.5	10.1	.1	.4	.7	2.4	b
3461	Metal stampings.....	240	100.0	12.8	73.5	10.1	.1	.4	.7	2.4	b
348	Miscellaneous fabricated wire products.	808	100.0	42.3	56.3	1.1	-	.3	-	-	a
3481	Miscellaneous fabricated wire products.	808	100.0	42.3	56.3	1.1	-	.3	-	-	a
349	Miscellaneous fabricated metal products	618	100.0	13.4	43.6	41.4	.4	-	1.2	-	c
3494	Valves and pipe fittings (except plumbers' brass goods and fittings)...	96	100.0	8.3	62.7	22.4	1.7	-	4.8	.1	d
3499	Fabricated metal products, n.e.c.....	232	100.0	.1	59.0	39.5	.3	-	1.1	-	d
35	Machinery, except electrical.....	4,219	100.0	42.1	47.9	8.7	.4	.3	.5	.1	a
351	Engines and turbines.....	324	100.0	8.9	87.2	3.4	.1	.1	-	.3	a
3519	Miscellaneous internal combustion engines.....	324	100.0	8.9	87.2	3.4	.1	.1	-	.3	a
352	Farm machinery and equipment.....	1,044	100.0	49.1	39.7	11.0	.1	.1	-	-	a
3522	Farm machinery and equipment.....	1,044	100.0	49.1	39.7	11.0	.1	.1	-	-	a
353	Construction, mining, and materials handling machinery and equipment.....	1,819	100.0	64.6	24.3	10.0	.2	.5	.3	.1	a
3531	Construction machinery and equipment...	1,595	100.0	72.1	17.2	10.0	-	.4	.2	.1	a
3532	Mining machinery, equipment, and parts (except oil field machinery and equipment).....	15	100.0	37.7	60.4	.2	.2	-	1.5	-	d
3535	Conveyors and conveying equipment (except hoists and farm elevators)....	54	100.0	.1	87.4	10.7	-	.4	1.4	-	c
354	Metalworking machinery and equipment...	236	100.0	9.6	80.8	6.5	2.2	.2	.7	-	d
3544	Special dies and tools, die sets, jigs, fixtures, and industrial molds and patterns.....	60	100.0	20.1	54.7	24.8	.3	-	.1	-	d
3545	Machine tool accessories, measuring tools, and measuring devices.....	2	100.0	-	53.6	1.2	3.6	-	41.6	-	d
356	General industrial machinery and equipment.....	436	100.0	1.0	88.3	8.7	.5	.1	1.4	-	d
3561	Pumps, air and gas compressors, and measuring and dispensing pumps, also pumping equipment.....	196	100.0	1.7	94.3	1.7	.4	-	1.9	-	d

See footnote at end of table.

TABLE 1. Percent Distribution of Commodities, by Means of Transport: 1967--Continued

TCC code	Commodity	Number	Percent distribution by means of transport								Sampling variability code ^a
			All means of transport	Rail	Motor carrier	Private truck	Air	Water	Other	Unknown	
	TONS OF SHIPMENTS--Continued	(thousands of tons)									
357	Office, computing, and accounting machines.....	54	100.0	-	90.6	-	0.3	1.5	6.9	0.7	d
3579	Miscellaneous office machines.....	36	100.0	-	89.8	-	.2	2.3	6.6	1.1	d
358	Service industry machines.....	85	100.0	23.0	72.8	0.5	.4	1.1	2.2	-	d
3585	Refrigerators and refrigeration machinery (except household), and complete air-conditioning units.....	39	100.0	45.8	52.1	1.1	.6	-	.4	-	d
359	Miscellaneous machinery and parts (except electrical).....	37	100.0	17.6	70.3	2.0	7.3	-	2.8	-	c
3599	Miscellaneous machinery and parts (except electrical).....	37	100.0	17.6	70.3	2.0	7.3	-	2.8	-	c
36	Electrical machinery and equipment.....	1,602	100.0	29.6	57.0	9.8	.9	.3	2.3	.1	c
361	Electrical transmission and distribution equipment.....	132	100.0	19.1	54.3	25.2	.5	-	.7	.2	c
362	Electrical industrial apparatus.....	76	100.0	.1	94.3	1.2	.9	-	3.5	-	d
3621	Motors and generators.....	2	100.0	3.1	65.4	23.6	7.7	-	.2	-	d
363	Household appliances.....	698	100.0	43.0	52.3	2.2	-	-	2.5	-	d
3631	Household cooking equipment, all types.....	52	100.0	60.0	39.0	-	-	-	1.0	-	b
364	Electric lighting and wiring equipment.....	108	100.0	5.3	87.2	2.3	1.7	-	2.4	1.1	d
3642	Lighting fixtures.....	67	100.0	3.5	90.4	.7	1.7	-	2.0	1.7	d
3643	Current carrying wiring devices (including lightning rods).....	7	100.0	4.8	74.4	3.0	3.0	.1	14.6	.1	d
365	Radio and television receiving sets (except communication types), phonographs, and phonograph records.....	229	100.0	21.9	75.4	.9	.7	-	1.1	-	b
3651	Radio and television receiving sets (except communication types), and phonographs.....	203	100.0	24.8	72.1	1.1	.7	-	1.3	-	b
3662	Radio and television transmitting, signaling, and detection equipment and apparatus.....	10	100.0	38.2	48.2	5.3	6.0	-	2.2	.1	d
367	Electronic components or accessories.....	117	100.0	20.8	35.2	36.7	1.8	4.6	.9	-	a
3679	Miscellaneous electronic components and accessories.....	58	100.0	12.2	51.8	21.6	3.4	9.2	1.8	-	b
369	Miscellaneous electrical machinery, equipment, and supplies.....	143	100.0	9.8	41.9	41.7	.3	-	6.3	-	d
3699	Electrical machinery, equipment, and supplies, n.e.c.....	11	100.0	50.9	47.7	-	.1	-	1.3	-	d
37	Transportation equipment.....	2,444	100.0	52.4	46.4	1.0	.1	-	.1	-	c
371	Motor vehicles and motor vehicle equipment.....	2,056	100.0	50.4	48.9	.4	.1	-	.2	-	c
3714	Motor vehicle parts and accessories....	1,322	100.0	45.3	54.2	.2	.1	-	.2	-	d
374	Railroad equipment.....	346	100.0	70.0	28.0	1.8	.1	-	.1	-	d
379	Miscellaneous transportation equipment.....	17	100.0	.8	48.3	50.9	-	-	-	-	c
3799	Transportation equipment, n.e.c.....	17	100.0	.8	48.3	50.9	-	-	-	-	c
38	Instruments, photographic goods, optical goods, watches, and clocks.....	100	100.0	4.5	86.7	1.2	1.4	.2	5.8	.2	b
382	Measuring, controlling, and indicating instruments.....	32	100.0	8.0	80.6	.8	2.9	-	7.4	.3	c
386	Photographic equipment and supplies....	33	100.0	.8	87.9	2.7	.9	.6	7.1	-	d
3861	Photographic equipment and supplies....	33	100.0	.8	87.9	2.7	.9	.6	7.1	-	d
387	Watches, clocks, and parts, and clock-work operated devices and parts.....	14	100.0	.1	92.3	.1	.5	.3	6.7	-	d
3871	Watches, clocks, and parts, and clock-work operated devices and parts.....	14	100.0	.1	92.3	.1	.5	.3	6.7	-	d
39	Miscellaneous products of manufacturing.....	264	100.0	4.7	65.9	26.8	.3	-	2.2	.1	d
3999	Manufactured products, n.e.c.....	23	100.0	18.7	44.9	30.6	.1	-	5.1	.6	d

See footnote at end of table.

TABLE 1. Percent Distribution of Commodities, by Means of Transport: 1967--Continued

TCC code	Commodity	Number	Percent distribution by means of transport								Sampling variability code ¹
			All means of transport	Rail	Motor carrier	Private truck	Air	Water	Other	Unknown	
	TON-MILES OF SHIPMENTS	(millions of ton-miles)									
	Illinois, total.....	28,828	100.0	52.8	32.7	5.5	0.2	8.2	0.4	0.2	-
20	Food and kindred products.....	10,686	100.0	67.3	26.8	5.2	-	.5	.1	.1	-
201	Meat, poultry, and small game; fresh, chilled or frozen.....	728	100.0	53.8	32.3	8.7	-	5.2	-	-	-
2011	Meat, fresh or chilled, not salted....	213	100.0	12.8	75.0	12.2	-	-	-	-	-
2012	Meat, fresh or frozen.....	14	100.0	6.7	93.3	-	-	-	-	-	-
2013	Meat products.....	186	100.0	46.1	29.2	4.1	-	20.5	.1	-	-
203	Canned and preserved fruits, vegetables, and seafoods.....	680	100.0	67.4	28.8	3.6	.2	-	-	-	-
2033	Canned fruits and vegetables.....	244	100.0	63.8	29.9	6.3	-	-	-	-	-
2037	Frozen fruits, vegetables, fruit juices, and specialties.....	134	100.0	47.2	50.6	1.4	.7	.1	-	-	-
204	Grain mill products.....	5,551	100.0	70.1	24.0	5.6	-	-	.1	.2	-
2042	Prepared feed for animals, fish, and fowls (except hay, straw, or related products).....	2,799	100.0	45.9	44.1	9.4	-	-	.2	.4	-
207	Confectionery and related products....	559	100.0	43.2	53.8	1.7	.1	.7	.1	.4	-
2071	Confectionery and related products....	559	100.0	43.2	53.8	1.7	.1	.7	.1	.4	-
208	Beverages and flavoring extracts.....	786	100.0	43.0	40.1	14.9	-	1.3	.7	-	-
2082	Malt liquors.....	221	100.0	53.4	10.4	36.2	-	-	-	-	-
2086	Bottled and canned soft drinks and carbonated, mineral, and plain waters.	173	100.0	.4	89.0	8.0	-	-	2.6	-	-
2099	Miscellaneous food preparations.....	337	100.0	37.6	60.0	1.8	-	-	.3	.3	-
23	Apparel, including knit apparel, and other finished textile products.....	26	100.0	4.3	68.5	6.7	2.3	1.8	16.4	-	-
231	Men's, youths', and boys' clothing....	8	100.0	8.0	68.0	.4	3.5	3.3	16.8	-	-
2311	Men's, youths', and boys' clothing....	8	100.0	8.0	68.0	.4	3.5	3.3	16.8	-	-
238	Miscellaneous apparel and accessories..	6	100.0	-	97.1	1.4	.6	-	.7	.2	-
239	Miscellaneous fabricated textile products.....	5	100.0	9.1	44.1	30.7	1.6	-	14.5	-	-
24	Lumber and wood products, except furniture.....	98	100.0	40.6	52.9	3.8	-	2.2	.5	-	-
243	Millwork and prefabricated wood products, including plywood and veneer....	27	100.0	11.7	70.7	9.4	-	7.8	.4	-	-
2431	Millwork (except metal covered).....	27	100.0	11.7	70.7	9.4	-	7.8	.4	-	-
244	Wooden containers.....	2	100.0	97.1	.5	2.4	-	-	-	-	-
2441	Wooden containers.....	2	100.0	97.1	.5	2.4	-	-	-	-	-
25	Furniture and fixtures.....	180	100.0	49.7	44.0	5.3	.5	-	.4	.1	-
251	Household and office furniture.....	100	100.0	40.4	49.3	9.0	.6	-	.6	.1	-
2511	Chairs, rockers, benches, and stools...	12	100.0	54.2	44.0	1.6	-	-	.2	-	-
2512	Tables or desks.....	26	100.0	72.8	27.2	-	-	-	-	-	-
2517	Cabinets and cases.....	32	100.0	35.8	49.8	11.3	1.6	-	1.5	-	-
254	Partitions, shelving, lockers, and office and store fixtures.....	67	100.0	59.0	40.1	.8	.1	-	-	-	-
2542	Metal partitions, shelving, lockers, and office and store fixtures.....	67	100.0	59.4	39.9	.6	.1	-	-	-	-
26	Pulp, paper, and allied products.....	510	100.0	23.9	53.5	11.9	.1	.7	.7	9.2	-
263	Paperboard, fiberboard, and pulpboard (except insulating board).....	43	100.0	36.1	54.0	9.9	-	-	-	-	-
2631	Paperboard, fiberboard, and pulpboard (except insulating board).....	43	100.0	36.1	54.0	9.9	-	-	-	-	-
264	Converted paper and paperboard products (except containers and boxes)....	171	100.0	20.7	73.2	3.2	.2	2.0	.6	.1	-
2642	Envelopes (except stationery).....	27	100.0	2.7	94.3	.3	.3	.7	1.7	-	-
2649	Miscellaneous converted paper products and paperboard products.....	76	100.0	41.9	56.0	2.0	-	.1	-	-	-
265	Containers, boxes and related products, paperboard, fiberboard, and pulpboard.	158	100.0	21.1	46.0	31.8	.2	-	.9	-	-
2651	Containers, boxes, baskets, pallets and skids, paperboard, fiberboard, and pulpboard.....	101	100.0	23.3	58.7	16.4	.2	-	1.4	-	-
2654	Sanitary food containers.....	45	100.0	-	27.8	72.0	.2	-	-	-	-

See footnote at end of table.

TABLE 1. Percent Distribution of Commodities, by Means of Transport: 1967--Continued

TCC code	Commodity	Number	Percent distribution by means of transport								Sampling variability code ¹
			All means of transport	Rail	Motor carrier	Private truck	Air	Water	Other	Unknown	
	TON-MILES OF SHIPMENTS--Continued	(millions of ton-miles)									
28	Chemicals and allied products.....	2,986	100.0	47.6	35.6	11.5	-	4.8	0.4	0.1	-
281	Industrial chemicals.....	1,115	100.0	75.3	17.4	3.5	-	3.5	.1	.2	-
2812	Basic inorganic chemical compounds (including chlorine, potassium, and sodium compounds).....	214	100.0	73.2	21.0	5.1	-	-	-	.7	-
2818	Miscellaneous industrial organic chemicals.....	183	100.0	68.7	24.4	6.5	-	.2	.1	.1	-
282	Plastic materials and plasticizers, synthetic resins, rubbers, and fibers	278	100.0	40.3	50.0	9.0	0.2	-	.3	.2	-
2821	Plastic materials and plasticizers, synthetic resins, rubbers, and fibers	278	100.0	40.3	50.0	9.0	.2	-	.3	.2	-
284	Soap and detergents, cleaning preparations, perfumes, cosmetics, and other toilet preparations.....	558	100.0	22.5	54.8	3.9	-	18.4	.4	-	-
2841	Soap and other detergents (except specialty cleansers).....	281	100.0	35.1	22.5	5.8	-	36.5	.1	-	-
2842	Specialty cleaning, polishing, and sanitation preparations (except soap and detergents).....	146	100.0	9.8	89.0	.8	.1	-	.3	-	-
2844	Perfumes, cosmetics, and other toilet preparations.....	120	100.0	9.6	88.6	.4	.1	-	1.3	-	-
285	Paints, varnishes, lacquers, enamels, and allied products.....	235	100.0	28.7	54.4	16.5	-	-	.3	.1	-
2851	Paints, varnishes, lacquers, enamels, and allied products.....	235	100.0	28.7	54.4	16.5	-	-	.3	.1	-
29	Petroleum and coal products.....	3,479	100.0	26.8	13.9	2.0	-	57.3	-	-	-
291	Products of petroleum refining.....	2,947	100.0	19.6	11.1	1.8	-	67.5	-	-	-
2911	Products of petroleum refining (except liquefied petroleum gases and petroleum coke and breeze).....	2,904	100.0	18.8	11.2	1.5	-	68.5	-	-	-
295	Paving and roofing materials.....	269	100.0	40.0	53.4	6.3	-	.1	.2	-	-
2951	Paving mixtures and blocks.....	31	100.0	29.2	46.3	24.5	-	-	-	-	-
2952	Asphalt felt and coatings.....	239	100.0	41.4	54.2	4.0	-	.2	.2	-	-
299	Miscellaneous petroleum and coal products.....	262	100.0	94.4	5.6	-	-	-	-	-	-
2991	Miscellaneous petroleum and coal products.....	262	100.0	94.4	5.6	-	-	-	-	-	-
30	Rubber and miscellaneous plastics products.....	263	100.0	17.9	66.2	10.3	.6	-	5.0	-	-
307	Miscellaneous plastic products.....	180	100.0	14.3	77.2	2.0	.9	-	5.6	-	-
3071	Miscellaneous plastic products.....	180	100.0	14.3	77.2	2.0	.9	-	5.6	-	-
32	Stone, clay, and glass products.....	939	100.0	44.3	45.5	10.1	-	-	.1	-	-
322	Glass and glassware, pressed and blown	333	100.0	26.4	71.2	2.4	-	-	-	-	-
3221	Glass containers, caps and covers.....	333	100.0	26.4	71.2	2.4	-	-	-	-	-
325	Structural clay products.....	88	100.0	38.0	29.2	32.8	-	-	-	-	-
327	Concrete, gypsum, plaster, and plaster products.....	98	100.0	31.0	44.7	24.3	-	-	-	-	-
329	Abrasives, asbestos, and miscellaneous nonmetallic mineral products.....	241	100.0	55.1	34.1	10.4	.1	-	.3	-	-
33	Primary metal products.....	2,964	100.0	60.9	31.3	3.5	-	4.1	.2	-	-
331	Steel works and rolling mill products.	2,106	100.0	69.2	23.0	2.5	-	5.3	-	-	-
3312	Primary iron and steel products (except coke-oven products).....	1,871	100.0	71.8	19.7	2.6	-	5.9	-	-	-
3315	Steel wire, nails, and spikes.....	233	100.0	48.8	49.2	1.8	-	-	.2	-	-
332	Iron and steel castings.....	246	100.0	40.1	52.9	2.8	.1	4.0	.1	-	-
3321	Iron and steel castings.....	246	100.0	40.1	52.9	2.8	.1	4.0	.1	-	-
333	Nonferrous metals primary smelter products (slab, ingot, pig, etc., and residues).....	115	100.0	33.4	48.7	17.9	-	-	-	-	-
335	Nonferrous metal basic shapes.....	412	100.0	50.0	44.6	4.8	.2	.1	.2	.1	-

See footnote at end of table.

TABLE 1. Percent Distribution of Commodities, by Means of Transport: 1967--Continued

TCC code	Commodity	Number	Percent distribution by means of transport								Sampling variability code ¹
			All means of transport	Rail	Motor carrier	Private truck	Air	Water	Other	Unknown	
	TON-MILES OF SHIPMENTS--Continued	(millions of ton-miles)									
3351	Copper, brass, bronze, and other copper base alloy basic shapes.....	113	100.0	54.9	32.7	12.0	-	-	0.4	-	-
3352	Aluminum and aluminum base alloy basic shapes (except aluminum foil).....	113	100.0	45.8	50.9	3.0	0.2	-	.1	-	-
3356	Miscellaneous nonferrous metal basic shapes (plate, sheet, strip, rods, bars, pipe, and tubing).....	51	100.0	46.4	47.2	4.5	.1	1.2	-	0.6	-
3369	Miscellaneous nonferrous metal castings	7	100.0	.9	95.6	1.9	.3	-	1.3	-	-
339	Miscellaneous primary metal products...	66	100.0	7.5	84.4	3.6	.2	-	4.1	.2	-
3391	Iron and steel forgings.....	58	100.0	7.7	87.8	4.1	.3	-	.1	-	-
34	Fabricated metal products.....	1,547	100.0	30.4	59.8	7.4	.5	.5	1.2	.2	-
341	Metal cans.....	182	100.0	65.6	27.9	6.0	-	.1	.1	.3	-
3411	Metal cans.....	182	100.0	65.6	27.9	6.0	-	.1	.1	.3	-
342	Cutlery, hand tools, and general hardware.....	120	100.0	26.5	60.8	8.6	.4	.5	3.1	.1	-
3423	Hand and edge tools (except machine tools and hand saws).....	40	100.0	5.9	71.6	18.8	-	-	3.4	.3	-
3428	Builders' and cabinet hardware and fireplace equipment.....	50	100.0	54.8	42.3	-	.1	-	2.8	-	-
3429	Miscellaneous hardware.....	30	100.0	7.3	76.8	9.1	1.6	2.1	3.1	-	-
343	Plumbing fixtures and heating apparatus (except electric).....	40	100.0	5.0	83.1	2.7	5.0	3.0	1.2	-	-
344	Structural and miscellaneous metal products.....	449	100.0	24.0	67.3	8.2	.2	-	.3	-	-
3441	Structural metal products.....	241	100.0	23.5	66.9	8.8	.3	-	.5	-	-
345	Bolts, nuts, screws, rivets, washers, and other industrial fasteners.....	141	100.0	1.2	89.0	2.5	1.7	-	5.6	-	-
3452	Bolts, nuts, screws, rivets, washers, and other industrial fasteners.....	141	100.0	1.2	89.0	2.5	1.7	-	5.6	-	-
346	Metal stampings.....	123	100.0	23.5	65.3	5.4	.2	3.4	.5	1.7	-
3461	Metal stampings.....	123	100.0	23.5	65.3	5.4	.2	3.4	.5	1.7	-
348	Miscellaneous fabricated wire products.	290	100.0	51.0	47.8	.7	-	.5	-	-	-
3481	Miscellaneous fabricated wire products.	290	100.0	51.0	47.8	.7	-	.5	-	-	-
349	Miscellaneous fabricated metal products	202	100.0	15.1	60.4	21.3	1.1	.1	2.0	-	-
3494	Valves and pipe fittings (except plumbers' brass goods and fittings).....	59	100.0	12.2	56.2	24.2	3.0	.2	4.1	.1	-
3499	Fabricated metal products, n.e.c.....	82	100.0	.1	83.4	14.1	.5	-	1.9	-	-
35	Machinery, except electrical.....	2,157	100.0	55.0	39.0	3.3	.5	1.6	.5	.1	-
351	Engines and turbines.....	118	100.0	16.8	80.3	1.2	.4	1.3	-	-	-
3519	Miscellaneous internal combustion engines.....	118	100.0	16.8	80.3	1.2	.4	1.3	-	-	-
352	Farm machinery and equipment.....	470	100.0	62.9	29.4	7.4	.1	.1	.1	-	-
3522	Farm machinery and equipment.....	470	100.0	62.9	29.4	7.4	.1	.1	.1	-	-
353	Construction, mining, and materials handling machinery and equipment.....	1,331	100.0	77.0	17.3	2.9	.2	2.2	.2	.2	-
3531	Construction machinery and equipment...	1,216	100.0	83.4	11.4	2.6	-	2.2	.2	.2	-
3532	Mining machinery, equipment, and parts (except oil field machinery and equipment).....	8	100.0	43.4	55.5	-	.3	-	.8	-	-
3535	Conveyors and conveying equipment (except hoists and farm elevators)....	26	100.0	.3	90.1	3.7	.1	3.4	2.4	-	-
354	Metalworking machinery and equipment...	121	100.0	15.4	76.9	2.3	3.3	1.4	.7	-	-
3544	Special dies and tools, die sets, jigs, fixtures, and industrial molds and patterns.....	24	100.0	42.0	46.0	11.3	.6	-	.1	-	-
3545	Machine tool accessories, measuring tools, and measuring devices.....	1	100.0	-	55.4	2.3	6.2	-	36.1	-	-
356	General industrial machinery and equipment.....	219	100.0	1.9	93.8	2.4	.6	.1	1.2	-	-
3561	Pumps, air and gas compressors, and measuring and dispensing pumps, also pumping equipment.....	122	100.0	2.4	92.4	3.0	.4	-	1.8	-	-

See footnote at end of table.

TABLE 1. Percent Distribution of Commodities, by Means of Transport: 1967--Continued

TCC code	Commodity	Number	Percent distribution by means of transport								Sampling variability code ¹
			All means of transport	Rail	Motor carrier	Private truck	Air	Water	Other	Unknown	
	TON-MILES OF SHIPMENTS--Continued	(millions of ton-miles)									
357	Office, computing, and accounting machines.....	48	100.0	-	88.3	-	0.2	4.5	6.2	0.8	-
3579	Miscellaneous office machines.....	35	100.0	-	87.2	-	.2	6.3	5.2	1.1	-
358	Service industry machines.....	66	100.0	16.7	74.6	0.5	.4	6.1	1.7	-	-
3585	Refrigerators and refrigeration machinery (except household), and complete air-conditioning units.....	33	100.0	27.1	71.1	1.0	.6	-	.2	-	-
359	Miscellaneous machinery and parts (except electrical).....	20	100.0	17.8	69.7	.7	8.2	-	3.6	-	-
3599	Miscellaneous machinery and parts (except electrical).....	20	100.0	17.8	69.7	.7	8.2	-	3.6	-	-
36	Electrical machinery and equipment....	1,051	100.0	37.1	53.0	4.7	1.3	1.0	2.8	.1	-
361	Electrical transmission and distribution equipment.....	104	100.0	31.5	39.6	27.6	.4	.1	.6	.2	-
362	Electrical industrial apparatus.....	47	100.0	.2	94.0	.4	2.0	-	3.4	-	-
3621	Motors and generators.....	1	100.0	5.8	50.9	3.1	40.2	-	-	-	-
363	Household appliances.....	514	100.0	47.1	49.5	.7	-	-	2.7	-	-
3631	Household cooking equipment, all types	30	100.0	78.0	21.6	-	-	-	.4	-	-
364	Electric lighting and wiring equipment	53	100.0	7.5	82.6	1.6	3.8	.2	3.2	1.1	-
3642	Lighting fixtures.....	36	100.0	6.4	85.4	.4	3.6	.2	2.5	1.5	-
3643	Current carrying wiring devices (including lightning rods).....	5	100.0	6.0	74.6	.2	4.1	.5	14.6	-	-
365	Radio and television receiving sets (except communication types), phonographs, and phonograph records.....	149	100.0	29.9	67.3	.1	.8	-	1.9	-	-
3651	Radio and television receiving sets (except communication types), and phonographs.....	136	100.0	32.7	64.4	.1	.8	-	2.0	-	-
3662	Radio and television transmitting, signaling, and detection equipment and apparatus.....	8	100.0	54.1	35.8	.9	8.2	-	1.0	-	-
367	Electronic components or accessories..	70	100.0	29.8	41.0	12.9	1.8	13.7	.8	-	-
3679	Miscellaneous electronic components and accessories.....	41	100.0	17.0	53.0	2.2	2.8	23.7	1.3	-	-
369	Miscellaneous electrical machinery, equipment, and supplies.....	58	100.0	20.0	53.5	12.1	1.3	-	13.1	-	-
3699	Electrical machinery, equipment, and supplies, n.e.c.....	8	100.0	62.2	36.8	-	.2	-	.8	-	-
37	Transportation equipment.....	1,205	100.0	68.7	30.5	.5	.1	-	.2	-	-
371	Motor vehicles and motor vehicle equipment.....	1,043	100.0	68.5	31.1	.1	.1	-	.2	-	-
3714	Motor vehicle parts and accessories...	567	100.0	51.7	47.8	.1	.1	-	.3	-	-
374	Railroad equipment.....	145	100.0	75.9	23.1	.4	.3	-	.3	-	-
379	Miscellaneous transportation equipment	5	100.0	1.6	41.3	57.0	.1	-	-	-	-
3799	Transportation equipment, n.e.c.....	5	100.0	1.6	41.3	57.0	.1	-	-	-	-
38	Instruments, photographic goods, optical goods, watches, and clocks.....	57	100.0	8.1	82.7	.5	1.5	1.3	5.8	.1	-
382	Measuring, controlling, and indicating instruments.....	20	100.0	12.3	76.1	1.2	2.5	-	7.7	.2	-
386	Photographic equipment and supplies...	19	100.0	1.6	88.8	.1	1.0	2.7	5.8	-	-
3861	Photographic equipment and supplies...	19	100.0	1.6	88.8	.1	1.0	2.7	5.8	-	-
387	Watches, clocks, and parts, and clock-work operated devices and parts.....	10	100.0	.1	91.4	-	.6	1.9	6.0	-	-
3871	Watches, clocks, and parts, and clock-work operated devices and parts.....	10	100.0	.1	91.4	-	.6	1.9	6.0	-	-
39	Miscellaneous products of manufacturing.....	173	100.0	8.8	70.0	18.7	.4	.2	1.8	.1	-
3999	Manufactured products, n.e.c.....	12	100.0	44.5	49.1	1.3	.1	-	4.1	.9	-

¹Code letter indicates a sampling variability range as follows: a, 0-9 percent; b, 10-19 percent; c, 20-29 percent; and d, 30-50 percent. The variability for ton-miles has not been estimated.

TABLE 2. Percent Distribution of Commodities, by Distance of Shipment: 1967

TCC code	Commodity	Number	Percent distribution by distance of shipment								Sampling variability code ¹
			All distances	Under 100 miles	100 to 199 miles	200 to 299 miles	300 to 499 miles	500 to 999 miles	1,000 to 1,499 miles	1,500 miles or over	
	TONS OF SHIPMENTS	(thousands of tons)									
	Illinois, total.....	85,756	100.0	29.4	15.8	17.0	15.4	17.8	1.4	3.2	-
20	Food and kindred products.....	27,128	100.0	18.8	18.2	13.5	19.2	25.7	1.9	2.7	c
201	Meat, poultry, and small game; fresh, chilled or frozen.....	1,834	100.0	32.2	19.4	8.0	11.3	20.9	1.7	6.5	d
2011	Meat, fresh or chilled, not salted.....	481	100.0	21.5	13.9	8.2	10.6	44.0	1.4	.4	d
2012	Meat, fresh-frozen.....	30	100.0	1.8	10.1	14.4	38.7	34.0	.7	.3	d
2013	Meat products.....	305	100.0	25.1	13.8	10.0	12.9	22.0	1.7	14.5	c
203	Canned and preserved fruit, vegetables, and seafoods.....	1,713	100.0	13.3	17.3	20.7	24.1	19.5	1.3	3.8	b
2033	Canned fruits and vegetables.....	588	100.0	15.4	12.6	12.4	30.0	25.9	1.9	1.8	d
2037	Frozen fruits, vegetables, fruit juices, and specialties.....	242	100.0	19.5	13.6	15.1	12.0	22.0	2.6	15.2	d
204	Grain mill products.....	14,514	100.0	21.7	17.7	13.3	14.9	28.7	1.9	1.8	c
2042	Prepared feed for animals, fish, and fowls (except hay, straw, or related products).....	8,525	100.0	31.8	17.0	12.4	13.4	21.6	2.6	1.2	d
207	Confectionery and related products....	992	100.0	7.6	6.6	12.1	23.3	41.5	3.8	5.1	b
2071	Confectionery and related products....	992	100.0	7.6	6.6	12.1	23.3	41.5	3.8	5.1	b
208	Beverages and flavoring extracts.....	1,745	100.0	18.9	17.7	12.1	18.0	24.8	2.7	5.8	b
2082	Malt liquors.....	740	100.0	18.9	24.5	14.6	22.0	20.0	-	-	a
2086	Bottled and canned soft drinks and carbonated, mineral, and plain waters.	347	100.0	35.4	14.7	8.9	6.6	14.3	6.5	13.6	d
2099	Miscellaneous food preparations.....	459	100.0	14.1	3.9	14.2	21.9	14.8	6.6	24.5	d
23	Apparel, including knit apparel, and other finished textile products.....	80	100.0	42.2	7.3	8.0	18.6	19.9	1.6	2.4	c
231	Men's, youths', and boys' clothing....	36	100.0	74.5	2.9	2.9	4.3	12.2	.7	2.5	d
2311	Men's, youths', and boys' clothing....	36	100.0	74.5	2.9	2.9	4.3	12.2	.7	2.5	d
238	Miscellaneous apparel and accessories..	18	100.0	13.5	20.0	14.6	25.3	24.3	1.5	.8	d
239	Miscellaneous fabricated textile products.....	15	100.0	25.2	3.6	8.3	44.3	17.2	.2	1.2	c
24	Lumber and wood products, except furniture.....	234	100.0	16.1	13.6	9.0	29.8	26.9	3.7	.9	d
243	Millwork and prefabricated wood products, including plywood and veneer....	68	100.0	25.6	14.0	10.3	20.9	24.7	2.8	1.7	d
2431	Millwork (except metal covered).....	68	100.0	25.6	14.0	10.3	20.9	24.7	2.8	1.7	d
244	Wooden containers.....	9	100.0	14.2	3.7	62.4	19.7	-	-	-	d
2441	Wooden containers.....	9	100.0	14.2	3.7	62.4	19.7	-	-	-	d
25	Furniture and fixtures.....	400	100.0	25.1	10.8	10.0	14.6	31.5	4.0	4.0	b
251	Household and office furniture.....	245	100.0	28.6	15.3	10.1	12.2	26.7	3.1	4.0	c
2511	Chairs, rockers, benches, and stools...	18	100.0	19.6	8.6	12.3	12.0	21.3	6.2	20.0	d
2512	Tables or desks.....	39	100.0	8.2	4.2	4.6	17.3	58.5	3.5	3.7	d
2517	Cabinets and cases.....	72	100.0	29.4	10.1	14.9	12.1	21.1	6.5	5.9	d
254	Partitions, shelving, lockers, and office and store fixtures.....	131	100.0	22.6	4.0	10.1	14.7	37.8	6.5	4.3	d
2542	Metal partitions, shelving, lockers, and office and store fixtures.....	129	100.0	22.6	3.8	10.1	14.7	38.0	6.5	4.3	d
26	Pulp, paper, and allied products.....	2,102	100.0	49.8	15.0	10.2	10.6	10.3	.5	3.6	b
263	Paperboard, fiberboard, and pulpboard (except insulating board).....	292	100.0	59.9	16.8	9.4	8.4	5.5	-	-	d
2631	Paperboard, fiberboard, and pulpboard (except insulating board).....	292	100.0	59.9	16.8	9.4	8.4	5.5	-	-	d
264	Converted paper and paperboard products (except containers and boxes).....	484	100.0	32.0	18.0	11.7	11.9	21.1	1.4	3.0	c
2642	Envelopes (except stationery).....	65	100.0	18.6	22.1	9.5	20.6	23.3	.7	5.2	d
2649	Miscellaneous converted paper products and paperboard products.....	159	100.0	18.3	13.8	17.5	10.4	31.9	1.9	6.2	d
265	Containers, boxes and related products, paperboard, fiberboard, and pulpboard.	1,047	100.0	65.7	11.3	8.7	6.9	5.6	.2	1.6	c
2651	Containers, boxes, baskets, pallets and skids, paperboard, fiberboard, and pulpboard.....	854	100.0	71.6	8.4	9.4	4.7	5.2	.2	.5	d
2654	Sanitary food containers.....	131	100.0	39.8	23.5	6.1	11.3	9.3	.3	9.7	d

See footnote at end of table.

TABLE 2. Percent Distribution of Commodities, by Distance of Shipment: 1967--Continued

TCC code	Commodity	Number	Percent distribution by distance of shipment								Sampling variability code ¹
			All distances	Under 100 miles	100 to 199 miles	200 to 299 miles	300 to 499 miles	500 to 999 miles	1,000 to 1,499 miles	1,500 miles or over	
	TONS OF SHIPMENTS--Continued	(thousands of tons)									
28	Chemicals and allied products.....	7,741	100.0	21.3	17.3	19.7	16.8	19.6	0.9	4.4	b
281	Industrial chemicals.....	3,162	100.0	20.9	19.3	20.2	16.8	18.7	.8	3.3	b
2812	Basic inorganic chemical compounds (including chlorine, potassium, and sodium compounds).....	655	100.0	31.3	7.6	31.8	8.4	16.1	1.0	3.8	b
2818	Miscellaneous industrial organic chemicals.....	383	100.0	11.1	14.6	14.6	23.4	30.4	-	5.9	d
282	Plastic materials and plasticizers, synthetic resins, rubbers, and fibers.	742	100.0	20.6	13.4	17.1	25.3	18.7	.5	4.4	d
2821	Plastic materials and plasticizers, synthetic resins, rubbers, and fibers.	742	100.0	20.6	13.4	17.1	25.3	18.7	.5	4.4	d
284	Soap and detergents, cleaning preparations, perfumes, cosmetics, and other toilet preparations.....	981	100.0	12.2	10.8	20.6	20.9	25.6	1.6	8.3	b
2841	Soap and other detergents (except specialty cleansers).....	448	100.0	11.1	13.6	25.5	19.9	18.5	.2	11.2	b
2842	Specialty cleaning, polishing, and sanitation preparations (except soap and detergents).....	312	100.0	18.6	9.9	15.1	23.3	24.9	3.5	4.7	d
2844	Perfumes, cosmetics, and other toilet preparations.....	186	100.0	5.6	6.7	12.9	17.2	47.0	1.9	8.7	c
285	Paints, varnishes, lacquers, enamels, and allied products.....	688	100.0	24.0	22.9	17.0	11.6	19.8	.9	3.8	c
2851	Paints, varnishes, lacquers, enamels, and allied products.....	688	100.0	24.0	22.9	17.0	11.6	19.8	.9	3.8	c
29	Petroleum and coal products.....	18,743	100.0	44.8	12.0	27.6	10.1	4.5	.1	.9	b
291	Products of petroleum refining.....	16,684	100.0	46.8	10.7	28.1	10.0	3.5	.1	.8	b
2911	Products of petroleum refining (except liquefied petroleum gases and petroleum coke and breeze).....	16,480	100.0	46.9	10.5	28.4	10.0	3.3	.1	.8	b
295	Paving and roofing materials.....	1,457	100.0	33.8	23.8	26.7	11.4	4.0	.3	-	b
2951	Paving mixtures and blocks.....	233	100.0	64.8	16.9	3.3	8.0	6.8	.2	-	c
2952	Asphalt felt and coatings.....	1,224	100.0	27.7	25.1	31.3	12.1	3.5	.3	-	b
299	Miscellaneous petroleum and coal products.....	602	100.0	13.2	21.6	17.5	8.2	34.3	.9	4.3	a
2991	Miscellaneous petroleum and coal products.....	602	100.0	13.2	21.6	17.5	8.2	34.3	.9	4.3	a
30	Rubber and miscellaneous plastics products.....	552	100.0	17.7	12.2	14.4	18.9	27.6	3.0	6.2	b
307	Miscellaneous plastic products.....	373	100.0	23.3	6.8	12.9	18.6	28.5	2.8	7.1	c
3071	Miscellaneous plastic products.....	373	100.0	23.3	6.8	12.9	18.6	28.5	2.8	7.1	c
32	Stone, clay, and glass products.....	5,416	100.0	56.3	16.4	9.1	11.0	6.3	.2	.7	c
322	Glass and glassware, pressed and blown.	1,550	100.0	25.9	30.4	15.9	23.0	4.7	-	.1	c
3221	Glass containers, caps and covers.....	1,550	100.0	25.9	30.4	15.9	23.0	4.7	-	.1	c
325	Structural clay products.....	707	100.0	67.9	15.8	5.6	6.7	3.3	.6	.1	d
327	Concrete, gypsum, plaster, and plaster products.....	916	100.0	74.0	7.2	7.4	8.3	3.1	-	-	d
329	Abrasives, asbestos, and miscellaneous nonmetallic mineral products.....	516	100.0	17.5	9.7	18.6	11.7	36.0	1.4	5.1	d
33	Primary metal products.....	9,605	100.0	34.2	18.3	14.5	15.1	13.3	.8	3.8	a
331	Steel works and rolling mill products..	6,711	100.0	35.2	17.9	12.7	16.1	13.1	.9	4.1	a
3312	Primary iron and steel products (except coke-oven products).....	5,996	100.0	36.0	18.0	12.7	16.0	12.1	.8	4.4	b
3315	Steel wire, nails, and spikes.....	681	100.0	25.8	16.5	13.6	18.1	22.0	1.9	2.1	b
332	Iron and steel castings.....	1,297	100.0	48.8	17.5	20.2	7.4	5.3	.1	.7	c
3321	Iron and steel castings.....	1,297	100.0	48.8	17.5	20.2	7.4	5.3	.1	.7	c
333	Nonferrous metals primary smelter products (slab, ingot, pig, etc., and residues).....	438	100.0	25.1	26.5	19.8	16.5	9.3	.1	2.7	d
335	Nonferrous metal basic shapes.....	755	100.0	12.2	7.2	14.7	22.3	33.8	1.5	8.3	c

See footnote at end of table.

TABLE 2. Percent Distribution of Commodities, by Distance of Shipment: 1967--Continued

TCC code	Commodity	Number	Percent distribution by distance of shipment								Sampling variability code ¹
			All distances	Under 100 miles	100 to 199 miles	200 to 299 miles	300 to 499 miles	500 to 999 miles	1,000 to 1,499 miles	1,500 miles or over	
	TONS OF SHIPMENTS--Continued	(thousands of tons)									
3351	Copper, brass, bronze, and other copper base alloy basic shapes.....	229	100.0	19.9	9.1	18.2	12.7	31.8	0.5	7.8	d
3352	Aluminum and aluminum base alloy basic shapes (except aluminum foil).....	187	100.0	7.4	8.2	16.6	29.6	19.9	2.4	15.9	b
3356	Miscellaneous nonferrous metal basic shapes (plate, sheet, strip, rods, bars, pipe, and tubing).....	121	100.0	8.8	9.2	20.3	38.3	21.0	1.0	1.4	d
3369	Miscellaneous nonferrous metal castings	29	100.0	33.1	27.5	11.5	15.7	11.8	-	.4	d
339	Miscellaneous primary metal products...	308	100.0	23.8	41.6	18.8	7.3	7.2	-	1.3	c
3391	Iron and steel forgings.....	289	100.0	22.0	43.9	20.0	7.6	5.6	-	.9	c
34	Fabricated metal products.....	4,312	100.0	25.2	15.0	16.3	19.3	19.2	2.4	2.6	b
341	Metal cans.....	586	100.0	34.6	14.2	14.2	19.1	11.4	4.6	1.9	b
3411	Metal cans.....	586	100.0	34.6	14.2	14.2	19.1	11.4	4.6	1.9	b
342	Cutlery, hand tools, and general hardware.....	220	100.0	15.9	9.9	12.3	21.7	25.4	2.6	12.2	c
3423	Hand and edge tools (except machine tools and hand saws).....	89	100.0	9.4	14.0	16.0	25.2	27.4	4.6	3.4	d
3428	Builders' and cabinet hardware and fireplace equipment.....	67	100.0	13.2	11.8	8.8	16.2	20.4	1.2	28.4	d
3429	Miscellaneous hardware.....	64	100.0	27.7	2.1	10.8	22.6	27.9	1.0	7.9	d
343	Plumbing fixtures and heating apparatus (except electric).....	85	100.0	9.4	15.5	16.1	36.5	12.6	3.3	6.6	d
344	Structural and miscellaneous metal products.....	1,297	100.0	32.4	17.1	10.1	15.4	19.6	3.4	2.0	d
3441	Structural metal products.....	543	100.0	25.3	15.4	10.0	15.7	24.3	5.0	4.3	d
345	Bolts, nuts, screws, rivets, washers, and other industrial fasteners.....	456	100.0	22.7	14.4	23.0	20.8	17.5	.1	1.5	d
3452	Bolts, nuts, screws, rivets, washers, and other industrial fasteners.....	456	100.0	22.7	14.4	23.0	20.8	17.5	.1	1.5	d
346	Metal stampings.....	240	100.0	15.2	14.6	16.6	15.7	25.7	3.7	8.5	b
3461	Metal stampings.....	240	100.0	15.2	14.6	16.6	15.7	25.7	3.7	8.5	b
348	Miscellaneous fabricated wire products.	808	100.0	7.8	16.4	27.4	25.2	22.3	.8	.1	a
3481	Miscellaneous fabricated wire products.	808	100.0	7.8	16.4	27.4	25.2	22.3	.8	.1	a
349	Miscellaneous fabricated metal products	618	100.0	35.8	11.8	13.0	16.9	18.9	1.1	2.5	c
3494	Valves and pipe fittings (except plumbers' brass goods and fittings)...	96	100.0	12.8	7.8	11.3	13.5	43.3	3.7	7.6	d
3499	Fabricated metal products, n.e.c.....	232	100.0	37.8	7.9	8.3	19.4	22.8	.4	3.4	d
35	Machinery, except electrical.....	4,219	100.0	11.2	14.2	10.0	14.7	35.3	4.3	10.3	a
351	Engines and turbines.....	324	100.0	28.7	30.0	6.0	4.5	24.2	3.0	3.6	a
3519	Miscellaneous internal combustion engines.....	324	100.0	28.6	30.1	6.0	4.5	24.2	3.0	3.6	a
352	Farm machinery and equipment.....	1,044	100.0	8.9	15.1	14.7	26.6	28.4	4.8	1.5	a
3522	Farm machinery and equipment.....	1,044	100.0	8.9	15.1	14.7	26.6	28.4	4.8	1.5	a
353	Construction, mining, and materials handling machinery and equipment.....	1,819	100.0	7.4	14.7	6.4	9.8	40.1	3.9	17.7	a
3531	Construction machinery and equipment...	1,595	100.0	6.8	15.5	4.8	7.9	41.5	3.9	19.6	a
3532	Mining machinery, equipment, and parts (except oil field machinery and equipment).....	15	100.0	20.2	.2	4.9	12.9	61.2	.5	.1	d
3535	Conveyors and conveying equipment (except hoists and farm elevators)....	54	100.0	19.4	15.4	15.9	17.1	18.8	9.5	3.9	c
354	Metalworking machinery and equipment...	236	100.0	17.6	7.0	14.0	16.7	38.2	.8	5.7	d
3544	Special dies and tools, die sets, jigs, fixtures, and industrial molds and patterns.....	60	100.0	32.9	5.2	15.1	8.4	34.5	.2	3.7	d
3545	Machine tool accessories, measuring tools, and measuring devices.....	2	100.0	12.1	22.9	14.4	10.5	29.5	2.3	8.3	d
356	General industrial machinery and equipment.....	436	100.0	20.6	9.3	14.6	13.4	31.2	3.0	7.9	d
3561	Pumps, air and gas compressors, and measuring and dispensing pumps, also pumping equipment.....	196	100.0	9.6	5.2	13.9	11.5	47.2	3.6	9.0	d

See footnote at end of table.

TABLE 2. Percent Distribution of Commodities, by Distance of Shipment: 1967--Continued

TCC code	Commodity	Number	Percent distribution by distance of shipment								Sampling variability code ^a
			All distances	Under 100 miles	100 to 199 miles	200 to 299 miles	300 to 499 miles	500 to 999 miles	1,000 to 1,499 miles	1,500 miles or over	
	TONS OF SHIPMENTS--Continued	(thousands of tons)									
357	Office, computing, and accounting machines.....	54	100.0	5.2	2.6	10.7	12.0	41.1	2.3	26.1	d
3579	Miscellaneous office machines.....	36	100.0	1.6	2.8	12.8	9.5	43.8	2.2	27.3	d
358	Service industry machines.....	85	100.0	2.3	7.3	14.3	9.4	43.0	10.2	13.5	d
3585	Refrigerators and refrigeration machinery (except household), and complete air-conditioning units.....	39	100.0	2.9	11.4	10.0	7.5	34.3	12.2	21.7	d
359	Miscellaneous machinery and parts (except electrical).....	37	100.0	11.9	9.3	18.6	10.8	38.3	3.4	7.7	c
3599	Miscellaneous machinery and parts (except electrical).....	37	100.0	11.9	9.3	18.6	10.8	38.3	3.4	7.7	c
36	Electrical machinery and equipment....	1,602	100.0	9.4	6.4	10.9	13.6	45.7	5.0	9.0	c
361	Electrical transmission and distribution equipment.....	132	100.0	3.3	3.9	11.0	12.2	48.1	2.9	18.6	c
362	Electrical industrial apparatus.....	76	100.0	3.3	15.6	9.2	25.5	33.7	1.0	11.7	d
3621	Motors and generators.....	2	100.0	28.8	6.6	14.5	13.8	24.4	-	11.9	d
363	Household appliances.....	698	100.0	4.2	4.5	6.4	9.8	63.3	5.6	6.2	d
3631	Household cooking equipment, all types.	52	100.0	10.3	4.4	19.0	17.5	39.2	1.2	8.4	b
364	Electric lighting and wiring equipment.	108	100.0	7.5	12.3	21.0	30.2	18.3	3.8	6.9	d
3642	Lighting fixtures.....	67	100.0	5.5	10.0	21.7	28.0	20.4	5.5	8.9	d
3643	Current carrying wiring devices (including lightning rods).....	7	100.0	14.8	3.3	10.8	12.3	43.2	3.9	11.7	d
365	Radio and television receiving sets (except communication types), phonographs, and phonograph records.....	229	100.0	5.9	5.0	15.5	12.6	45.3	6.8	8.9	b
3651	Radio and television receiving sets (except communication types), and phonographs.....	203	100.0	6.6	5.3	9.6	13.6	49.0	7.6	8.3	b
3662	Radio and television transmitting, signaling, and detection equipment and apparatus.....	10	100.0	2.8	10.2	5.9	7.6	40.8	8.8	23.9	d
367	Electronic components or accessories...	117	100.0	27.4	5.4	5.6	14.8	23.7	8.1	15.0	a
3679	Miscellaneous electronic components and accessories.....	58	100.0	28.4	9.8	3.0	7.0	18.9	9.9	23.0	b
369	Miscellaneous electrical machinery, equipment, and supplies.....	143	100.0	31.1	15.1	12.2	10.0	22.4	3.4	5.8	d
3699	Electrical machinery, equipment, and supplies, n.e.c.....	11	100.0	2.4	.2	2.9	20.4	53.4	19.0	1.7	d
37	Transportation equipment.....	2,444	100.0	11.6	10.5	23.0	22.2	21.8	1.6	9.3	c
371	Motor vehicles and motor vehicle equipment.....	2,056	100.0	9.6	10.5	24.4	22.2	21.7	1.8	9.8	c
3714	Motor vehicle parts and accessories....	1,322	100.0	7.1	10.7	30.7	25.6	19.3	.4	6.2	d
374	Railroad equipment.....	346	100.0	20.7	9.6	16.8	24.3	21.5	.7	6.4	d
379	Miscellaneous transportation equipment.	17	100.0	14.0	34.9	14.6	16.9	19.5	.1	-	c
3799	Transportation equipment, n.e.c.....	17	100.0	14.0	34.9	14.6	16.9	19.5	.1	-	c
38	Instruments, photographic goods, optical good, watches, and clocks.....	100	100.0	8.2	9.4	19.3	18.3	31.6	3.5	9.7	b
382	Measuring, controlling, and indicating instruments.....	32	100.0	5.6	12.4	18.5	17.3	28.5	6.8	10.9	c
386	Photographic equipment and supplies....	33	100.0	10.1	8.5	17.9	7.9	45.2	1.2	9.2	d
3861	Photographic equipment and supplies....	33	100.0	10.1	8.5	17.9	7.9	45.2	1.2	9.2	d
387	Watches, clocks, and parts, and clock-work operated devices and parts.....	14	100.0	5.6	2.5	11.3	19.3	40.2	3.1	18.0	d
3871	Watches, clocks, and parts, and clock-work operated devices and parts.....	14	100.0	5.6	2.5	11.3	19.3	40.2	3.1	18.0	d
39	Miscellaneous products of manufacturing	264	100.0	16.0	6.7	10.0	12.2	36.4	6.2	12.5	d
3999	Manufactured products, n.e.c.....	23	100.0	32.7	3.5	12.1	9.8	25.5	1.8	14.6	d

See footnote at end of table.

TABLE 2. Percent Distribution of Commodities, by Distance of Shipment: 1967--Continued

TCC code	Commodity	Number	Percent distribution by distance of shipment								Sampling variability code ¹
			All distances	Under 100 miles	100 to 199 miles	200 to 299 miles	300 to 499 miles	500 to 999 miles	1,000 to 1,499 miles	1,500 miles or over	
	TON-MILES OF SHIPMENTS	(millions of ton-miles)									
	Illinois, total.....	28,828	100.0	3.8	6.7	12.5	17.7	37.7	4.8	16.8	-
20	Food and kindred products.....	10,686	100.0	2.8	6.4	8.5	19.1	45.6	5.5	12.1	-
201	Meat, poultry, and small game; fresh, chilled or frozen.....	728	100.0	4.9	6.5	4.9	11.6	37.9	4.4	29.8	-
2011	Meat, fresh or chilled, not salted....	213	100.0	2.7	4.5	4.5	9.4	74.1	3.4	1.4	-
2012	Meat, fresh-frozen.....	14	100.0	.3	3.3	7.8	30.7	55.1	1.8	1.0	-
2013	Meat products.....	186	100.0	2.1	3.2	3.9	9.0	24.9	3.1	53.8	-
203	Canned and preserved fruits, vegetables, and seafoods.....	680	100.0	1.3	6.3	13.4	23.5	35.3	3.9	16.3	-
2033	Canned fruits and vegetables.....	244	100.0	1.5	4.5	7.6	28.5	44.9	5.5	7.5	-
2037	Frozen fruits, vegetables, fruit juices, and specialties.....	134	100.0	1.5	3.2	6.9	8.0	28.3	5.2	46.9	-
204	Grain mill products.....	5,551	100.0	3.4	6.5	8.6	15.0	52.9	5.6	8.0	-
2042	Prepared feed for animals, fish, and fowls (except hay, straw, or related products).....	2,799	100.0	6.0	7.0	9.4	15.4	47.0	8.8	6.4	-
207	Confectionery and related products....	559	100.0	.5	1.8	5.5	16.5	51.0	8.1	16.6	-
2071	Confectionery and related products....	559	100.0	.5	1.8	5.5	16.5	51.0	8.1	16.6	-
208	Beverages and flavoring extracts.....	786	100.0	1.7	5.9	6.8	15.8	39.4	7.0	23.4	-
2082	Malt liquors.....	221	100.0	2.6	12.3	12.2	29.4	43.5	-	-	-
2086	Bottled and canned soft drinks and carbonated, mineral, and plain waters	173	100.0	2.6	4.4	4.8	5.5	19.6	15.6	47.5	-
2099	Miscellaneous food preparations.....	337	100.0	1.1	.9	4.8	11.8	14.3	9.6	57.5	-
23	Apparel, including knit apparel, and other finished textile products.....	26	100.0	8.4	2.9	5.9	21.1	42.4	5.5	13.8	-
231	Men's, youths', and boys' clothing....	8	100.0	22.0	1.8	3.3	8.0	39.2	4.0	21.7	-
2311	Men's, youths', and boys' clothing....	8	100.0	22.0	1.8	3.3	8.0	39.2	4.0	21.7	-
238	Miscellaneous apparel and accessories.	6	100.0	1.5	7.3	9.8	26.1	46.7	4.4	4.2	-
239	Miscellaneous fabricated textile products.....	5	100.0	6.2	1.5	5.6	46.1	34.7	.5	5.4	-
24	Lumber and wood products, except furniture.....	98	100.0	1.6	4.6	5.4	27.8	46.1	9.5	5.0	-
243	Millwork and prefabricated wood products, including plywood and veneer...	27	100.0	3.4	5.6	6.3	19.5	44.2	8.8	12.2	-
2431	Millwork (except metal covered).....	27	100.0	3.4	5.6	6.3	19.5	44.2	8.8	12.2	-
244	Wooden containers.....	2	100.0	.6	2.4	66.8	30.2	-	-	-	-
2441	Wooden containers.....	2	100.0	.6	2.4	66.8	30.2	-	-	-	-
25	Furniture and fixtures.....	180	100.0	2.9	3.5	5.6	12.1	49.7	10.7	15.5	-
251	Household and office furniture.....	100	100.0	3.3	5.4	6.3	11.3	47.4	9.2	17.1	-
2511	Chairs, rockers, benches, and stools..	12	100.0	1.4	1.9	4.4	6.9	23.2	11.1	51.1	-
2512	Tables or desks.....	26	100.0	.7	1.0	1.8	10.7	68.8	6.9	10.1	-
2517	Cabinets and cases.....	32	100.0	3.3	3.2	8.9	9.7	34.0	17.6	23.3	-
254	Partitions, shelving, lockers, and office and store fixtures.....	67	100.0	2.8	1.1	5.0	10.2	51.5	15.1	14.3	-
2542	Metal partitions, shelving, lockers, and office and store fixtures.....	67	100.0	2.8	1.1	4.9	10.1	51.6	15.1	14.4	-
26	Pulp, paper, and allied products.....	510	100.0	7.3	8.5	10.5	16.6	29.8	2.5	24.8	-
263	Paperboard, fiberboard, and pulpboard (except insulating board).....	43	100.0	17.2	16.5	15.8	21.6	28.9	-	-	-
2631	Paperboard, fiberboard, and pulpboard (except insulating board).....	43	100.0	17.2	16.5	15.8	21.6	28.9	-	-	-
264	Converted paper and paperboard products (except containers and boxes)...	171	100.0	4.2	6.9	8.3	12.9	42.4	4.9	20.4	-
2642	Envelopes (except stationery).....	27	100.0	2.7	8.1	6.0	19.2	38.8	2.0	23.2	-
2649	Miscellaneous converted paper products and paperboard products.....	76	100.0	2.1	3.9	9.1	8.6	47.4	4.7	24.2	-
265	Containers, boxes and related products, paperboard, fiberboard, and pulpboard.....	158	100.0	13.4	9.8	14.1	17.6	25.1	1.6	18.4	-
2651	Containers, boxes, baskets, pallets and skids, paperboard, fiberboard, and pulpboard.....	101	100.0	17.7	9.8	19.4	15.2	29.1	2.1	6.7	-
2654	Sanitary food containers.....	45	100.0	4.9	7.7	4.5	12.3	20.0	.9	49.7	-

See footnote at end of table.

TABLE 2. Percent Distribution of Commodities, by Distance of Shipment: 1967--Continued

TCC code	Commodity	Number	Percent distribution by distance of shipment								Sampling variability code
			All distances	Under 100 miles	100 to 199 miles	200 to 299 miles	300 to 499 miles	500 to 999 miles	1,000 to 1,499 miles	1,500 miles or over	
	TON-MILES OF SHIPMENTS--Continued	(millions of ton-miles)									
28	Chemicals and allied products.....	2,986	100.0	2.4	6.6	12.5	16.9	36.8	2.8	22.0	-
281	Industrial chemicals.....	1,115	100.0	2.2	8.2	14.2	18.8	38.2	2.5	15.9	-
2812	Basic inorganic chemical compounds (including chlorine, potassium, and sodium compounds).....	214	100.0	3.2	3.4	23.6	10.6	35.6	3.2	20.4	-
2818	Miscellaneous industrial organic chemicals.....	183	100.0	1.1	4.1	7.9	19.7	46.4	-	20.8	-
282	Plastic materials and plasticizers, synthetic resins, rubbers, and fibers	278	100.0	3.0	5.1	11.1	24.6	35.2	1.3	19.7	-
2821	Plastic materials and plasticizers, synthetic resins, rubbers, and fibers	278	100.0	3.0	5.1	11.1	24.6	35.2	1.3	19.7	-
284	Soap and detergents, cleaning preparations, perfumes, cosmetics, and other toilet preparations.....	558	100.0	.9	2.8	8.8	14.1	33.8	3.3	36.3	-
2841	Soap and other detergents (except specialty cleansers).....	281	100.0	.6	3.3	9.8	11.8	21.6	.3	52.6	-
2842	Specialty cleaning, polishing, and sanitation preparations (except soap and detergents).....	146	100.0	1.9	3.1	8.0	19.9	40.4	8.9	17.8	-
2844	Perfumes, cosmetics, and other toilet preparations.....	120	100.0	.4	1.6	5.2	10.2	55.5	3.4	23.7	-
285	Paints, varnishes, lacquers, enamels, and allied products.....	235	100.0	3.7	9.2	12.1	13.3	38.8	2.9	20.0	-
2851	Paints, varnishes, lacquers, enamels, and allied products.....	235	100.0	3.7	9.2	12.1	13.3	38.8	2.9	20.0	-
29	Petroleum and coal products.....	3,479	100.0	6.8	9.6	36.8	21.1	16.8	.9	8.0	-
291	Products of petroleum refining.....	2,947	100.0	7.2	9.0	39.3	22.1	13.7	.7	8.0	-
2911	Products of petroleum refining (except liquefied petroleum gases and petroleum coke and breeze).....	2,904	100.0	7.2	8.9	39.8	22.3	13.2	.5	8.1	-
295	Paving and roofing materials.....	269	100.0	7.8	19.2	34.9	22.0	13.9	2.0	.2	-
2951	Paving mixtures and blocks.....	31	100.0	18.1	17.7	6.4	21.6	34.7	1.5	-	-
2952	Asphalt felt and coatings.....	239	100.0	6.5	19.4	38.6	22.0	11.2	2.0	.3	-
299	Miscellaneous petroleum and coal products.....	262	100.0	.9	6.6	10.4	8.2	55.2	2.3	16.4	-
2991	Miscellaneous petroleum and coal products.....	262	100.0	.9	6.6	10.4	8.2	55.2	2.3	16.4	-
30	Rubber and miscellaneous plastics products.....	263	100.0	1.5	3.6	7.5	15.2	42.0	7.3	22.9	-
307	Miscellaneous plastic products.....	180	100.0	1.8	1.9	6.7	14.8	42.6	6.5	25.7	-
3071	Miscellaneous plastic products.....	180	100.0	1.8	1.9	6.7	14.8	42.6	6.5	25.7	-
32	Stone, clay, and glass products.....	939	100.0	17.4	12.9	12.9	23.2	24.5	1.8	7.3	-
322	Glass and glassware, pressed and blown	333	100.0	7.4	19.8	18.7	38.4	14.8	-	.9	-
3221	Glass containers, caps and covers.....	333	100.0	7.4	19.8	18.7	38.4	14.8	-	.9	-
325	Structural clay products.....	88	100.0	25.2	17.6	10.5	20.8	18.4	5.5	2.0	-
327	Concrete, gypsum, plaster, and plaster products.....	98	100.0	26.8	8.8	16.3	29.9	18.2	-	-	-
329	Abrasives, asbestos, and miscellaneous nonmetallic mineral products.....	241	100.0	1.7	3.0	9.7	9.3	52.9	4.1	19.3	-
33	Primary metal products.....	2,964	100.0	5.5	8.6	11.5	18.8	31.2	2.9	21.5	-
331	Steel works and rolling mill products.	2,106	100.0	5.3	8.3	9.9	19.8	30.3	3.4	23.0	-
3312	Primary iron and steel products (except coke-oven products).....	1,871	100.0	5.6	8.5	9.9	19.8	28.6	3.0	24.6	-
3315	Steel wire, nails, and spikes.....	233	100.0	2.9	6.6	9.8	20.1	43.9	6.3	10.4	-
332	Iron and steel castings.....	246	100.0	14.9	13.9	27.4	15.0	21.5	.3	7.0	-
3321	Iron and steel castings.....	246	100.0	14.9	13.9	27.4	15.0	21.5	.3	7.0	-
333	Nonferrous metals primary smelter products (slab, ingot, pig, etc., and residues).....	115	100.0	4.9	13.6	18.4	23.0	22.1	.3	17.7	-
335	Nonferrous metal basic shapes.....	412	100.0	1.0	2.0	6.6	15.7	45.2	3.2	26.3	-

See footnote at end of table.

TABLE 2. Percent Distribution of Commodities, by Distance of Shipment: 1967--Continued

TCC code	Commodity	Number	Percent distribution by distance of shipment								Sampling variability code ¹
			All distances	Under 100 miles	100 to 199 miles	200 to 299 miles	300 to 499 miles	500 to 999 miles	1,000 to 1,499 miles	1,500 miles or over	
	TON-MILES OF SHIPMENTS--Continued	(millions of ton-miles)									
3351	Copper, brass, bronze, and other copper base alloy basic shapes.....	113	100.0	1.6	2.7	9.0	9.6	49.4	1.1	26.6	-
3352	Aluminum and aluminum base alloy basic shapes (except aluminum foil).....	113	100.0	.6	2.1	6.7	17.3	22.8	4.5	46.0	-
3356	Miscellaneous nonferrous metal basic shapes (plate, sheet, strip, rods, bars, pipe, and tubing).....	51	100.0	1.0	3.5	11.2	37.4	37.8	2.7	6.4	-
3369	Miscellaneous nonferrous metal castings	7	100.0	10.1	15.2	12.2	25.7	33.6	.2	3.0	-
339	Miscellaneous primary metal products...	66	100.0	5.7	26.5	20.9	11.8	24.1	.2	10.8	-
3391	Iron and steel forgings.....	58	100.0	5.5	29.7	23.5	13.1	19.9	.2	8.1	-
34	Fabricated metal products.....	1,547	100.0	3.4	5.9	11.3	20.0	38.9	7.6	12.9	-
341	Metal cans.....	182	100.0	5.6	6.5	11.1	22.4	26.9	16.9	10.6	-
3411	Metal cans.....	182	100.0	5.6	6.5	11.1	22.4	26.9	16.9	10.6	-
342	Cutlery, hand tools, and general hardware.....	120	100.0	1.3	2.5	5.8	14.2	31.9	5.1	39.2	-
3423	Hand and edge tools (except machine tools and hand saws).....	40	100.0	.5	4.1	9.0	21.1	41.1	11.1	13.1	-
3428	Builders' and cabinet hardware and fireplace equipment.....	50	100.0	.9	2.4	3.0	7.9	18.6	1.8	65.4	-
3429	Miscellaneous hardware.....	30	100.0	2.9	.7	5.9	15.5	41.5	2.6	30.9	-
343	Plumbing fixtures and heating apparatus (except electric).....	40	100.0	.9	5.3	8.5	31.6	19.4	8.1	26.2	-
344	Structural and miscellaneous metal products.....	449	100.0	4.7	7.1	7.1	16.6	43.2	11.3	10.0	-
3441	Structural metal products.....	241	100.0	2.2	5.2	5.2	13.0	44.2	13.5	16.7	-
345	Bolts, nuts, screws, rivets, washers, and other industrial fasteners.....	141	100.0	3.9	6.5	18.6	23.8	38.2	.4	8.6	-
3452	Bolts, nuts, screws, rivets, washers, and other industrial fasteners.....	141	100.0	3.9	6.5	18.6	23.8	38.2	.4	8.6	-
346	Metal stampings.....	123	100.0	1.7	4.1	8.1	12.5	34.9	7.8	30.9	-
3461	Metal stampings.....	123	100.0	1.7	4.1	8.1	12.5	34.9	7.8	30.9	-
348	Miscellaneous fabricated wire products.	290	100.0	1.1	6.2	19.3	26.0	44.0	3.1	.3	-
3481	Miscellaneous fabricated wire products.	290	100.0	1.1	6.2	19.2	26.1	44.0	3.1	.3	-
349	Miscellaneous fabricated metal products	202	100.0	4.1	5.2	10.1	20.1	43.2	4.0	13.3	-
3494	Valves and pipe fittings (except plumbers' brass goods and fittings)...	59	100.0	.9	2.0	4.4	8.7	54.3	7.7	22.0	-
3499	Fabricated metal products, n.e.c.....	82	100.0	3.7	3.5	6.1	22.4	46.2	1.3	16.8	-
35	Machinery, except electrical.....	2,517	100.0	.8	3.5	4.2	9.5	42.9	8.6	30.5	-
351	Engines and turbines.....	118	100.0	2.3	12.1	4.0	5.1	49.3	9.5	17.7	-
3519	Miscellaneous internal combustion engines.....	118	100.0	2.3	12.1	4.0	5.1	49.3	9.5	17.7	-
352	Farm machinery and equipment.....	470	100.0	.8	5.1	8.3	22.7	44.9	12.9	5.3	-
3522	Farm machinery and equipment.....	470	100.0	.8	5.1	8.3	22.7	44.9	12.9	5.3	-
353	Construction, mining, and materials handling machinery and equipment.....	1,331	100.0	.5	2.9	2.3	5.4	40.1	6.3	42.5	-
3531	Construction machinery and equipment...	1,216	100.0	.4	2.9	1.7	4.1	39.8	6.0	45.1	-
3532	Mining machinery, equipment, and parts (except oil field machinery and equipment).....	8	100.0	3.2	-	2.3	10.8	82.0	1.2	.5	-
3535	Conveyors and conveying equipment (except hoists and farm elevators)....	26	100.0	1.8	4.3	8.5	14.8	27.5	26.7	16.4	-
354	Metalworking machinery and equipment...	121	100.0	2.1	2.3	6.8	11.0	55.7	2.0	20.1	-
3544	Special dies and tools, die sets, jigs, fixtures, and industrial molds and patterns.....	24	100.0	4.1	2.0	9.0	7.4	61.1	.4	16.0	-
3545	Machine tool accessories, measuring tools, and measuring devices.....	1	100.0	1.4	6.4	6.7	8.5	43.2	5.3	28.5	-
356	General industrial machinery and equipment.....	219	100.0	2.1	2.8	6.9	9.5	44.5	7.1	27.1	-
3561	Pumps, air and gas compressors, and measuring and dispensing pumps, also pumping equipment.....	122	100.0	.8	1.2	5.4	7.0	53.9	6.6	25.1	-

See footnote at end of table.

TABLE 2. Percent Distribution of Commodities, by Distance of Shipment: 1967--Continued

TCC code	Commodity	Number	Percent distribution by distance of shipment								Sampling variability code ¹
			All distances	Under 100 miles	100 to 199 miles	200 to 299 miles	300 to 499 miles	500 to 999 miles	1,000 to 1,499 miles	1,500 miles or over	
	TON-MILES OF SHIPMENTS--Continued	(millions of ton-miles)									
357	Office, computing, and accounting machines.....	48	100.0	0.3	0.4	3.0	5.2	33.1	2.9	55.1	-
3579	Miscellaneous office machines.....	35	100.0	.1	.4	3.4	4.0	33.3	2.7	56.1	-
358	Service industry machines.....	66	100.0	.1	1.2	4.7	4.7	39.9	15.2	34.2	-
3585	Refrigerators and refrigeration machinery (except household), and complete air-conditioning units.....	33	100.0	.2	1.5	3.2	3.7	30.0	16.1	45.3	-
359	Miscellaneous machinery and parts (except electrical).....	20	100.0	1.0	2.2	8.2	7.3	48.4	8.0	24.9	-
3599	Miscellaneous machinery and parts (except electrical).....	20	100.0	1.0	2.2	8.2	7.3	48.4	8.0	24.9	-
36	Electrical machinery and equipment....	1,051	100.0	.7	1.4	4.0	8.1	52.8	8.9	24.1	-
361	Electrical transmission and distribution equipment.....	104	100.0	.2	.7	3.6	5.9	44.5	3.9	41.2	-
362	Electrical industrial apparatus.....	47	100.0	.4	3.6	3.6	14.5	41.9	2.0	34.0	-
3621	Motors and generators.....	1	100.0	3.5	1.6	5.7	8.2	28.2	-	52.8	-
363	Household appliances.....	514	100.0	.3	.9	2.1	5.2	67.6	9.1	14.8	-
3631	Household cooking equipment, all types	30	100.0	.6	1.2	7.8	13.5	48.2	2.5	26.2	-
364	Electric lighting and wiring equipment	53	100.0	.7	3.8	10.4	23.5	27.7	9.3	24.6	-
3642	Lighting fixtures.....	36	100.0	.4	2.9	9.6	19.0	27.7	12.2	28.2	-
3643	Current carrying wiring devices (including lightning rods).....	5	100.0	1.0	.7	4.1	6.9	49.0	6.9	31.4	-
365	Radio and television receiving sets (except communication types), phonographs, and phonograph records.....	149	100.0	.3	1.2	5.4	7.6	49.5	12.6	23.4	-
3651	Radio and television receiving sets (except communication types), and phonographs.....	136	100.0	.4	1.3	3.5	8.0	51.4	13.7	21.7	-
3662	Radio and television transmitting, signaling, and detection equipment and apparatus.....	8	100.0	.1	1.7	1.8	3.9	32.8	11.3	48.4	-
367	Electronic components or accessories..	70	100.0	1.3	1.2	2.1	10.3	26.7	14.6	43.8	-
3679	Miscellaneous electronic components and accessories.....	41	100.0	1.3	1.9	1.0	4.1	18.3	15.4	58.0	-
369	Miscellaneous electrical machinery, equipment, and supplies.....	58	100.0	3.9	5.3	7.3	9.7	39.0	9.5	25.3	-
3699	Electrical machinery, equipment, and supplies, n.e.c.....	8	100.0	.1	-	1.0	12.4	55.0	27.2	4.3	-
37	Transportation equipment.....	1,205	100.0	1.4	3.2	11.2	16.9	31.0	3.9	32.4	-
371	Motor vehicles and motor vehicle equipment.....	1,043	100.0	1.2	3.2	11.5	16.1	30.5	4.2	33.3	-
3714	Motor vehicle parts and accessories...	567	100.0	1.2	3.9	17.2	21.6	30.2	1.0	24.9	-
374	Railroad equipment.....	145	100.0	2.0	3.1	9.8	23.2	33.4	2.0	26.5	-
379	Miscellaneous transportation equipment	5	100.0	3.2	16.0	10.5	23.8	46.2	.3	-	-
3799	Transportation equipment, n.e.c.....	5	100.0	3.2	16.0	10.5	23.8	46.2	.3	-	-
38	Instruments, photographic goods, optical goods, watches, and clocks.....	57	100.0	.7	2.6	8.3	12.5	38.2	7.2	30.5	-
382	Measuring, controlling, and indicating instruments.....	20	100.0	.6	3.1	7.3	11.7	32.9	12.7	31.7	-
386	Photographic equipment and supplies...	19	100.0	.7	2.4	7.8	5.3	53.2	2.5	28.1	-
3861	Photographic equipment and supplies...	19	100.0	.7	2.4	7.8	5.3	53.2	2.5	28.1	-
387	Watches, clocks, and parts, and clock-work operated devices and parts.....	10	100.0	.4	.5	3.9	9.6	36.6	4.9	44.1	-
3871	Watches, clocks, and parts, and clock-work operated devices and parts.....	10	100.0	.4	.5	3.9	9.6	36.6	4.9	44.1	-
39	Miscellaneous products of manufacturing.....	173	100.0	1.0	1.5	3.8	7.3	40.1	11.8	34.5	-
3999	Manufactured products, n.e.c.....	12	100.0	1.4	1.1	5.8	6.7	31.5	4.1	49.4	-

¹Code letter indicates a sampling variability range as follows: a, 0-9 percent; b, 10-19 percent; c, 20-29 percent; and d, 30-50 percent. The variability for ton-miles has not been estimated.

TABLE 3. Percent Distribution of Commodities, by Geographic Division of Destination: 1967

TCC code	Commodity	Number	Percent distribution by geographic division ¹ of destination										Sampling variability code ³
			All means of transport	New England	Middle Atlantic	East North Central	West North Central	South Atlantic	East South Central	West South Central	Mountain	Pacific ²	
	TONS OF SHIPMENTS	(thous. of tons)											
	Illinois, total.....	85,756	100.0	1.7	7.2	52.9	13.5	5.4	10.4	4.7	1.0	3.2	-
20	Food and kindred products.....	27,128	100.0	3.0	11.6	44.6	12.9	8.9	10.6	5.0	.7	2.7	c
201	Meat, poultry, and small game; fresh, chilled or frozen.....	1,834	100.0	3.6	10.6	54.2	7.4	5.7	7.5	3.8	.7	6.5	d
2011	Meat, fresh or chilled, not salted.....	481	100.0	9.0	26.4	41.8	5.1	9.9	4.2	2.7	.5	.4	d
2012	Meat, fresh-frozen.....	30	100.0	1.2	31.8	35.2	15.8	6.2	6.6	2.5	.4	.3	d
2013	Meat products.....	305	100.0	.9	10.3	41.1	10.5	6.8	7.9	4.5	3.5	14.5	c
203	Canned and preserved fruits, vegetables, and seafoods.....	1,713	100.0	1.1	7.3	42.6	28.0	6.0	6.4	3.4	1.4	3.8	b
2033	Canned fruits and vegetables.....	588	100.0	1.8	14.5	45.7	14.3	8.4	8.7	2.8	2.0	1.8	d
2037	Frozen fruits, vegetables, fruit juices, and specialties.....	242	100.0	1.5	8.7	47.2	12.9	6.3	1.1	5.5	1.6	15.2	d
204	Grain mill products.....	14,514	100.0	3.7	15.3	44.8	14.7	8.5	6.0	4.9	.3	1.8	c
2042	Prepared feed for animals, fish, and fowls (except hay, straw, or related products).....	8,525	100.0	1.7	11.4	50.4	20.2	7.1	2.4	5.1	.5	1.2	d
207	Confectionery and related products.....	992	100.0	1.5	19.4	23.9	16.4	17.4	4.5	8.3	3.4	5.2	b
2071	Confectionery and related products.....	992	100.0	1.5	19.4	23.9	16.4	17.4	4.5	8.3	3.4	5.2	b
208	Beverages and flavoring extracts.....	1,745	100.0	2.4	5.8	42.2	13.9	9.8	7.0	11.2	2.4	5.3	b
2082	Malt liquors.....	740	100.0	1.0	1.1	52.8	10.9	14.5	10.3	9.4	-	-	a
2086	Bottled and canned soft drinks and carbonated, mineral, and plain waters.....	347	100.0	5.0	5.7	42.6	20.2	3.8	2.4	3.3	6.2	10.8	d
2099	Miscellaneous food preparations.....	459	100.0	3.5	4.2	39.0	3.5	9.8	10.0	5.1	.5	24.4	d
23	Apparel, including knit apparel, and other finished textile products.....	80	100.0	2.0	6.7	63.0	8.7	9.9	2.4	4.2	.7	2.4	c
231	Men's, youths', and boys' clothing.....	36	100.0	1.7	3.7	80.3	1.9	5.3	1.0	2.8	.8	2.5	d
2311	Men's, youths', and boys' clothing.....	36	100.0	1.7	3.7	80.3	1.9	5.3	1.0	2.8	.8	2.5	d
238	Miscellaneous apparel and accessories...	18	100.0	3.4	7.5	66.6	9.0	3.2	5.4	4.1	-	.8	d
239	Miscellaneous fabricated textile products.....	15	100.0	-	2.5	44.6	24.8	24.3	1.2	1.2	.2	1.2	c
24	Lumber and wood products, except furniture.....	234	100.0	3.9	9.5	50.1	11.6	11.1	7.2	4.4	1.3	.9	d
243	Millwork and prefabricated wood products, including plywood and veneer....	68	100.0	1.5	10.0	43.6	23.8	9.3	4.5	3.6	2.0	1.7	d
2431	Millwork (except metal covered).....	68	100.0	1.5	10.0	43.6	23.8	9.3	4.5	3.6	2.0	1.7	d
244	Wooden containers.....	9	100.0	-	-	96.3	3.6	-	.1	-	-	-	d
2441	Wooden containers.....	9	100.0	-	-	96.3	3.6	-	.1	-	-	-	d
25	Furniture and fixtures.....	400	100.0	5.2	12.4	46.4	11.4	7.7	1.9	7.5	3.5	4.0	b
251	Household and office furniture.....	245	100.0	6.6	14.1	53.0	11.1	5.4	1.8	1.4	2.6	4.0	c
2511	Chairs, rockers, benches, and stools.....	18	100.0	.4	12.0	36.9	12.6	8.7	1.2	3.8	4.4	20.0	d
2512	Tables or desks.....	39	100.0	27.1	24.7	15.5	19.0	5.0	.6	1.0	3.4	3.7	d
2517	Cabinets and cases.....	72	100.0	3.9	10.4	53.2	11.4	4.7	3.2	2.1	5.3	5.8	d
254	Partitions, shelving, lockers, and office and store fixtures.....	131	100.0	.3	5.6	40.9	8.5	12.1	2.3	20.1	5.9	4.3	d
2542	Metal partitions, shelving, lockers, and office and store fixtures.....	129	100.0	.3	5.6	40.7	8.3	12.2	2.3	20.3	5.9	4.4	d
26	Pulp, paper, and allied products.....	2,102	100.0	.7	3.9	73.2	9.4	2.0	4.1	2.7	1.9	2.1	e
263	Paperboard, fiberboard, and pulpboard... (except insulating board).....	292	100.0	.2	3.4	82.2	7.4	-	2.4	4.4	-	-	e
2631	Paperboard, fiberboard, and pulpboard (except insulating board).....	292	100.0	.2	3.4	82.2	7.4	-	2.4	4.4	-	-	e
264	Converted paper and paperboard products (except containers and boxes)....	484	100.0	2.1	7.2	58.0	14.2	4.7	4.6	4.3	1.0	3.0	c
2642	Envelopes (except stationery).....	65	100.0	1.5	12.9	50.9	21.5	2.5	1.2	2.7	1.6	5.2	e
2649	Miscellaneous converted paper products and paperboard products.....	159	100.0	1.3	5.9	44.4	16.6	8.0	7.5	9.7	-	6.2	e
265	Containers, boxes and related products, paperboard, fiberboard, and pulpboard..	1,047	100.0	.2	2.2	84.4	6.5	1.0	2.4	1.5	.3	1.8	c
2651	Containers, boxes, baskets, pallets and skids, paperboard, fiberboard, and pulpboard.....	854	100.0	.2	2.4	87.3	6.3	.5	1.0	1.0	.3	.7	e
2654	Sanitary food containers.....	131	100.0	.4	1.8	68.6	10.7	1.1	1.9	5.1	.7	6.7	e

See footnotes at end of table.

TABLE 3. Percent Distribution of Commodities, by Geographic Division of Destination: 1967--Continued

TCC code	Commodity	Number	Percent distribution by geographic division ¹ of destination										Sampling variability code ³
			All means of transport	New England	Middle Atlantic	East North Central	West North Central	South Atlantic	East South Central	West South Central	Mountain	Pacific ²	
	TONS OF SHIPMENTS--Continued	(thous. of tons)											
28	Chemicals and allied products.....	7,741	100.0	1.6	7.3	51.9	12.7	6.3	8.4	6.5	0.9	4.4	b
281	Industrial chemicals.....	3,162	100.0	1.5	9.2	49.0	9.4	6.1	15.1	5.8	.6	3.3	b
2812	Basic inorganic chemical compounds (including chlorine, potassium, and sodium compounds).....	655	100.0	1.7	10.2	63.6	10.7	4.0	2.1	3.4	.5	3.8	b
2818	Miscellaneous industrial organic chemicals.....	383	100.0	.2	23.3	37.4	9.8	7.6	11.7	3.4	.7	5.9	d
282	Plastic materials and plasticizers, synthetic resins, rubbers, and fibers.	742	100.0	1.6	10.4	54.0	18.6	4.6	3.4	2.8	.2	4.4	d
2821	Plastic materials and plasticizers, synthetic resins, rubbers, and fibers.	742	100.0	1.6	10.4	54.0	18.6	4.6	3.4	2.8	.2	4.4	d
284	Soap and detergents, cleaning preparations, perfumes, cosmetics, and other toilet preparations.....	981	100.0	2.4	3.8	41.9	17.5	7.4	3.7	12.7	2.3	8.3	b
2841	Soap and other detergents (except specialty cleansers).....	448	100.0	4.5	4.0	47.4	18.5	7.8	.5	5.6	.5	11.2	b
2842	Specialty cleaning, polishing, and sanitation preparations (except soap and detergents).....	312	100.0	.5	2.4	43.5	17.7	7.8	6.7	10.5	6.2	4.7	d
2844	Perfumes, cosmetics, and other toilet preparations.....	186	100.0	1.3	5.3	23.6	16.2	7.1	2.1	35.0	.7	8.7	c
285	Paints, varnishes, lacquers, enamels, and allied products.....	688	100.0	2.1	5.7	57.8	13.3	9.5	4.7	2.4	.7	3.8	c
2851	Paints, varnishes, lacquers, enamels, and allied products.....	688	100.0	2.1	5.7	57.8	13.3	9.5	4.7	2.4	.7	3.8	c
29	Petroleum and coal products.....	18,743	100.0	.1	1.2	56.0	16.1	1.0	21.8	2.7	.2	.9	b
291	Products of petroleum refining.....	16,684	100.0	.1	.4	54.8	16.7	.6	23.8	2.6	.2	.8	b
2911	Products of petroleum refining (except liquefied petroleum gases and petroleum coke and breeze).....	16,480	100.0	-	.4	54.5	16.7	.7	24.1	2.6	.2	.8	b
295	Paving and roofing materials.....	1,457	100.0	.1	.7	73.4	15.0	1.9	7.6	1.0	.3	-	b
2951	Paving mixtures and blocks.....	233	100.0	.5	4.3	84.5	9.0	1.5	-	-	.2	-	c
2952	Asphalt felt and coatings.....	1,224	100.0	-	-	71.2	16.2	2.0	9.1	1.2	.3	-	b
299	Miscellaneous petroleum and coal products.....	602	100.0	.1	22.4	52.7	1.1	9.3	1.0	9.1	-	4.3	a
2911	Miscellaneous petroleum and coal products.....	602	100.0	.1	22.4	52.7	1.1	9.3	1.0	9.1	-	4.3	a
30	Rubber and miscellaneous plastics products.....	552	100.0	2.8	13.2	43.5	17.9	7.6	1.9	5.9	1.0	6.2	b
307	Miscellaneous plastic products.....	373	100.0	3.2	13.3	41.7	19.0	7.4	2.2	5.3	.8	7.1	c
3071	Miscellaneous plastic products.....	373	100.0	3.2	13.3	41.7	19.0	7.4	2.2	5.3	.8	7.1	c
32	Stone, clay, and glass products.....	5,416	100.0	.5	2.9	80.0	9.7	1.2	2.7	1.9	.3	.8	c
322	Glass and glassware, pressed and blown.	1,550	100.0	-	2.0	70.4	17.1	.8	5.0	4.0	.6	.1	c
3221	Glass containers, caps and covers.....	1,550	100.0	-	2.0	70.4	17.1	.8	5.0	4.0	.6	.1	c
325	Structural clay products.....	707	100.0	.7	3.1	83.2	11.4	.4	.3	.6	.2	.1	d
327	Concrete, gypsum, plaster, and plaster products.....	916	100.0	.5	1.2	87.7	7.8	.7	2.1	-	-	-	d
329	Abrasives, asbestos, and miscellaneous nonmetallic mineral products.....	516	100.0	3.0	16.5	45.4	8.5	5.0	8.6	6.5	.4	6.1	d
33	Primary metal products.....	9,605	100.0	.6	3.5	64.3	13.7	2.4	4.5	5.6	1.6	3.8	a
331	Steel works and rolling mill products..	6,711	100.0	.3	2.4	62.4	14.9	2.4	5.2	6.5	1.8	4.1	a
3312	Primary iron and steel products (except coke-oven products).....	5,996	100.0	.1	1.8	62.8	15.7	1.4	5.2	6.7	1.9	4.4	b
3315	Steel wire, nails, and spikes.....	681	100.0	2.1	8.2	56.8	8.9	10.7	5.1	4.4	1.7	2.1	b
332	Iron and steel castings.....	1,297	100.0	.1	1.2	83.5	7.5	.4	2.4	4.2	-	.7	c
3321	Iron and steel castings.....	1,297	100.0	.1	1.2	83.5	7.5	.4	2.4	4.2	-	.7	c
333	Nonferrous metals primary smelter products (slab, ingot, pig, etc., and residues).....	438	100.0	-	6.8	67.4	16.7	1.2	3.1	1.8	.3	2.7	d
335	Nonferrous metal basic shapes.....	755	100.0	4.6	16.0	39.0	14.3	6.9	4.2	3.3	3.3	8.4	c

See footnotes at end of table.

TABLE 3. Percent Distribution of Commodities, by Geographic Division of Destination: 1967--Continued

TCC code	Commodity	Number	Percent distribution by geographic division ¹ of destination										Sampling variability code ³
			All means of transport	New England	Middle Atlantic	East North Central	West North Central	South Atlantic	East South Central	West South Central	Mountain	Pacific ²	
	TONS OF SHIPMENTS--Continued	(thous. of tons)											
3351	Copper, brass, bronze, and other copper base alloy basic shapes.....	229	100.0	8.5	8.6	48.0	9.0	4.5	3.1	2.8	7.7	7.8	d
3352	Aluminum and aluminum base alloy basic shapes (except aluminum foil).....	187	100.0	2.8	2.0	43.1	13.5	9.0	8.0	5.6	.1	15.9	b
3356	Miscellaneous nonferrous metal basic shapes (plate, sheet, strip, rods, bars, pipe, and tubing).....	121	100.0	1.1	15.2	51.7	22.0	1.5	2.5	.6	4.0	1.4	d
3369	Miscellaneous nonferrous metal castings.....	29	100.0	.5	5.8	68.8	5.7	6.0	8.3	3.9	.6	.4	d
339	Miscellaneous primary metal products..	308	100.0	1.1	1.9	82.2	7.8	1.5	1.0	3.1	.1	1.3	c
3391	Iron and steel forgings.....	289	100.0	.9	1.9	83.7	8.1	1.4	.9	2.2	-	.9	c
34	Fabricated metal products.....	4,312	100.0	2.5	5.7	56.5	16.7	4.9	3.9	5.4	1.9	2.5	b
341	Metal cans.....	586	100.0	.6	4.3	57.6	21.3	3.8	2.3	4.7	3.5	1.9	b
3411	Metal cans.....	586	100.0	.6	4.3	57.6	21.3	3.8	2.3	4.7	3.5	1.9	b
342	Cutlery, hand tools, and general hardware.....	220	100.0	1.3	6.1	41.6	14.9	8.4	6.2	7.6	1.7	12.2	c
3423	Hand and edge tools (except machine tools and hand saws).....	89	100.0	1.5	6.3	37.4	21.4	6.1	10.0	13.5	.4	3.4	d
3428	Builders' and cabinet hardware and fireplace equipment.....	67	100.0	1.3	5.8	31.9	17.5	6.3	4.5	2.8	1.7	28.2	d
3429	Miscellaneous hardware.....	64	100.0	.8	5.9	58.2	3.2	13.7	2.6	4.3	3.4	7.9	d
343	Plumbing fixtures and heating apparatus (except electric).....	85	100.0	2.4	4.9	48.1	25.0	6.1	3.9	2.4	.6	6.6	d
344	Structural and miscellaneous metal products.....	1,297	100.0	5.7	5.2	59.2	16.5	6.2	1.3	2.5	1.7	1.7	d
3441	Structural metal products.....	543	100.0	9.8	5.1	51.4	14.6	10.2	.9	1.8	2.8	3.4	d
345	Bolts, nuts, screws, rivets, washers, and other industrial fasteners.....	456	100.0	.9	7.5	68.8	7.6	4.1	4.9	4.6	.1	1.5	d
3452	Bolts, nuts, screws, rivets, washers, and other industrial fasteners.....	456	100.0	.9	7.5	68.8	7.6	4.1	4.9	4.6	.1	1.5	d
346	Metal stampings.....	240	100.0	1.8	10.0	45.0	10.6	11.6	3.8	7.2	1.5	8.5	b
3461	Metal stampings.....	240	100.0	1.8	10.0	45.0	10.6	11.6	3.8	7.2	1.5	8.5	b
348	Miscellaneous fabricated wire products.....	808	100.0	1.1	2.8	49.1	25.3	2.5	6.0	11.8	1.3	.1	a
3481	Miscellaneous fabricated wire products.....	808	100.0	1.1	2.8	49.1	25.3	2.5	6.0	11.8	1.3	.1	a
349	Miscellaneous fabricated metal products.....	618	100.0	1.6	9.0	60.9	10.3	2.7	6.8	3.2	3.1	2.4	c
3494	Valves and pipe fittings (except plumbers' brass goods and fittings)..	96	100.0	3.3	18.4	34.2	6.4	7.8	3.9	10.0	8.6	7.4	d
3499	Fabricated metal products, n.e.c.....	232	100.0	2.7	13.3	56.4	6.1	3.9	10.9	2.4	.9	3.4	d
35	Machinery, except electrical.....	4,219	100.0	2.3	12.5	34.7	13.0	9.9	4.9	8.8	3.2	10.7	a
351	Engines and turbines.....	324	100.0	3.6	8.0	62.6	5.0	4.5	3.8	7.5	1.4	3.6	e
3519	Miscellaneous internal combustion engines.....	324	100.0	3.6	8.0	62.6	5.0	4.5	3.8	7.5	1.4	3.6	e
352	Farm machinery and equipment.....	1,044	100.0	.9	6.4	31.2	32.2	5.5	8.5	9.3	3.4	2.6	e
3522	Farm machinery and equipment.....	1,044	100.0	.9	6.4	31.2	32.2	5.5	8.5	9.3	3.4	2.6	e
353	Construction, mining, and materials handling machinery and equipment.....	1,819	100.0	1.6	15.6	27.8	7.3	13.6	3.8	9.3	3.0	18.0	e
3531	Construction machinery and equipment..	1,595	100.0	1.3	15.7	27.2	5.7	14.4	3.3	9.8	2.7	19.9	e
3532	Mining machinery, equipment, and parts (except oil field machinery and equipment).....	15	100.0	.2	13.3	25.8	18.4	3.1	38.3	.3	.5	.1	d
3535	Conveyors and conveying equipment (except hoists and farm elevators)...	54	100.0	1.9	7.1	47.8	16.9	7.2	4.1	3.0	8.1	3.8	c
354	Metalworking machinery and equipment..	236	100.0	6.6	22.1	48.5	5.2	5.0	1.4	3.4	1.9	5.8	d
3544	Special dies and tools, die sets, jigs, fixtures, and industrial molds and patterns.....	60	100.0	1.4	26.6	58.6	1.1	6.7	.6	1.1	.2	8.7	d
3545	Machine tool accessories, measuring tools, and measuring devices.....	2	100.0	6.8	16.2	46.3	6.8	2.8	.8	9.9	2.2	8.2	d
356	General industrial machinery and equipment.....	436	100.0	4.4	12.0	49.5	6.3	6.8	3.7	7.7	1.7	7.8	d
3561	Pumps, air and gas compressors, and measuring and dispensing pumps, also pumping equipment.....	196	100.0	3.5	18.8	30.8	7.2	11.4	2.4	15.4	1.5	9.0	d

See footnotes at end of table.

TABLE 3. Percent Distribution of Commodities, by Geographic Division of Destination: 1967--Continued

TCC code	Commodity	Number	Percent distribution by geographic division ¹ of destination										Sampling variability code ³
			All means of transport	New England	Middle Atlantic	East North Central	West North Central	South Atlantic	East South Central	West South Central	Mountain	Pacific ²	
	TONS OF SHIPMENTS--Continued	(thous. of tons)											
357	Office, computing, and accounting machines.....	54	100.0	8.1	11.9	19.0	9.9	13.0	3.4	6.8	1.9	26.0	d
3579	Miscellaneous office machines.....	36	100.0	6.6	11.3	17.1	9.7	15.5	2.2	7.8	2.6	27.2	d
358	Service industry machines.....	85	100.0	7.9	11.4	14.2	11.7	18.2	8.3	9.5	5.3	13.5	d
3585	Refrigerators and refrigeration machinery (except household), and complete air-conditioning units.....	39	100.0	8.1	11.7	5.8	12.4	23.0	8.7	5.0	3.7	21.6	d
359	Miscellaneous machinery and parts (except electrical).....	37	100.0	3.1	14.4	39.4	7.9	13.8	3.1	7.6	3.0	7.7	c
3599	Miscellaneous machinery and parts (except electrical).....	37	100.0	3.1	14.4	39.4	7.9	13.8	3.1	7.6	3.0	7.7	c
36	Electrical machinery and equipment.....	1,602	100.0	3.8	28.5	27.1	8.6	9.9	3.8	6.1	3.2	9.0	c
361	Electrical transmission and distribution equipment.....	132	100.0	8.6	15.7	16.3	5.6	18.5	4.9	9.9	1.8	18.7	c
362	Electrical industrial apparatus.....	76	100.0	10.0	14.2	41.9	1.9	7.1	3.7	8.5	1.0	11.7	d
3621	Motors and generators.....	2	100.0	6.9	13.0	49.7	10.1	1.1	3.5	1.6	2.2	11.9	d
363	Household appliances.....	698	100.0	3.0	46.1	14.7	6.7	9.5	3.1	5.9	4.8	6.2	d
3631	Household cooking equipment, all types.....	52	100.0	.6	21.1	26.0	16.4	18.9	2.6	5.5	.5	8.4	b
364	Electric lighting and wiring equipment.....	108	100.0	1.6	11.3	49.1	15.4	4.9	5.0	3.0	2.9	6.8	d
3642	Lighting fixtures.....	67	100.0	1.6	10.3	47.7	14.2	5.9	3.7	3.7	4.1	8.8	d
3643	Current carrying wiring devices (including lightning rods).....	7	100.0	3.1	24.5	27.6	7.4	11.2	6.6	5.6	2.5	11.5	d
365	Radio and television receiving sets (except communication types), phonographs, and phonograph records.....	229	100.0	4.6	23.8	27.6	6.7	11.2	5.4	7.9	3.9	8.9	b
3651	Radio and television receiving sets (except communication types), and phonographs.....	203	100.0	5.1	25.0	22.5	7.5	12.3	6.1	8.7	4.4	8.4	b
3662	Radio and television transmitting, signaling, and detection equipment and apparatus.....	10	100.0	1.7	11.8	11.0	11.8	18.5	4.9	12.3	4.0	24.0	d
367	Electronic components or accessories...	117	100.0	3.0	18.4	38.9	4.7	10.3	5.8	3.7	.2	15.0	a
3679	Miscellaneous electronic components and accessories.....	58	100.0	1.2	13.0	41.4	3.7	11.3	2.1	4.0	.3	23.0	b
369	Miscellaneous electrical machinery, equipment, and supplies.....	143	100.0	1.6	5.2	55.0	13.2	9.8	2.4	6.0	1.0	5.8	d
3699	Electrical machinery, equipment, and supplies, n.e.c.....	11	100.0	1.1	3.1	8.7	4.0	27.2	15.4	37.4	1.3	1.8	d
37	Transportation equipment.....	2,444	100.0	.6	7.6	46.8	13.5	8.5	6.7	5.6	1.5	9.2	c
371	Motor vehicles and motor vehicle equipment.....	2,056	100.0	.6	6.0	48.0	13.5	8.0	6.5	6.1	1.6	9.7	c
3714	Motor vehicle parts and accessories....	1,322	100.0	.2	6.6	56.9	9.4	10.1	7.9	2.3	.4	6.2	d
374	Railroad equipment.....	346	100.0	.2	17.1	39.1	13.3	11.5	8.8	3.1	.5	6.4	d
379	Miscellaneous transportation equipment.....	17	100.0	-	1.2	52.1	28.5	4.4	.3	13.4	.1	-	c
3799	Transportation equipment, n.e.c.....	17	100.0	-	1.2	52.1	28.5	4.4	.3	13.4	.1	-	c
38	Instruments, photographic goods, optical goods, watches, and clocks.....	100	100.0	2.8	20.4	35.8	11.7	6.4	5.4	6.1	1.7	9.7	b
382	Measuring, controlling, and indicating instruments.....	32	100.0	2.2	22.3	32.7	9.8	6.4	3.6	11.9	.2	10.9	c
386	Photographic equipment and supplies....	33	100.0	4.7	27.3	26.9	15.2	7.8	1.9	3.7	3.4	9.1	d
3861	Photographic equipment and supplies....	33	100.0	4.7	27.3	26.9	15.2	7.8	1.9	3.7	3.4	9.1	d
387	Watches, clocks, and parts, and clock-work operated devices and parts.....	14	100.0	2.7	27.1	20.8	10.2	8.5	5.7	5.1	1.8	18.1	d
3871	Watches, clocks, and parts, and clock-work operated devices and parts.....	14	100.0	2.7	27.1	20.8	10.2	8.5	5.7	5.1	1.8	18.1	d
39	Miscellaneous products of manufacturing.....	264	100.0	5.0	14.9	31.1	8.2	11.9	4.5	8.3	2.8	13.3	d
3999	Manufactured products, n.e.c.....	23	100.0	.5	23.3	43.1	10.5	3.4	2.4	1.2	1.0	14.6	d

See footnotes at end of table.

TABLE 3. Percent Distribution of Commodities, by Geographic Division of Destination: 1967--Continued

TCC code	Commodity	Number	Percent distribution by geographic division ¹ of destination										Sampling variability code ³
			All means of transport	New England	Middle Atlantic	East North Central	West North Central	South Atlantic	East South Central	West South Central	Mountain	Pacific ²	
	TON-MILES OF SHIPMENTS	(millions of ton-miles)											
	Illinois, total.....	28,828	100.0	4.3	14.2	19.5	11.4	10.5	10.0	10.3	3.1	16.7	-
20	Food and kindred products.....	10,686	100.0	6.6	19.3	16.1	9.4	15.1	10.4	9.4	1.8	11.9	-
201	Meat, poultry, and small game; fresh, chilled or frozen.....	728	100.0	8.2	18.3	15.4	3.3	9.8	7.6	5.9	1.7	29.8	-
2011	Meat, fresh or chilled, not salted....	213	100.0	17.6	42.0	14.0	1.0	15.7	3.4	3.9	1.0	1.4	-
2012	Meat, fresh-frozen.....	14	100.0	2.2	46.0	20.2	10.6	10.4	3.9	4.5	1.2	1.0	-
2013	Meat products.....	186	100.0	1.2	10.6	7.9	3.9	7.3	5.1	4.7	5.5	53.8	-
203	Canned and preserved fruits, vegetables, and seafoods.....	680	100.0	2.3	11.6	16.6	25.4	10.7	6.4	7.1	3.6	16.3	-
2033	Canned fruits and vegetables.....	244	100.0	3.9	22.0	18.8	31.4	14.3	9.2	5.4	5.5	7.5	-
2037	Frozen fruits, vegetables, fruit juices, and specialties.....	134	100.0	2.3	10.5	12.7	7.4	8.5	.9	8.4	2.6	46.7	-
204	Grain mill products.....	5,551	100.0	8.0	26.3	16.0	10.1	15.7	5.5	9.6	.8	8.0	-
2042	Prepared feed for animals, fish, and fowls (except hay, straw, or related products).....	2,799	100.0	4.4	22.8	18.5	15.0	16.9	2.7	12.1	1.2	6.4	-
207	Confectionery and related products....	559	100.0	2.3	21.1	7.2	10.7	20.2	3.0	11.9	6.9	16.7	-
2071	Confectionery and related products....	559	100.0	2.3	21.1	7.2	10.7	20.2	3.0	11.9	6.9	16.7	-
208	Beverages and flavoring extracts.....	786	100.0	4.5	7.6	13.8	8.8	14.3	5.7	17.2	6.7	21.4	-
2082	Malt liquors.....	221	100.0	3.1	2.1	28.9	9.0	29.0	11.5	16.4	-	-	-
2086	Bottled and canned soft drinks and carbonated, mineral, and plain waters.	173	100.0	7.4	6.9	8.2	9.9	8.1	1.4	2.1	17.9	38.1	-
2099	Miscellaneous food preparations.....	337	100.0	4.7	3.3	11.7	1.5	10.5	4.5	5.5	.8	57.5	-
23	Apparel, including knit apparel, and other finished textile products.....	26	100.0	5.7	13.3	27.1	7.2	18.0	3.2	9.4	2.4	13.7	-
231	Men's, youths', and boys' clothing....	8	100.0	7.0	11.8	28.2	2.4	15.7	1.8	7.8	3.9	21.4	-
2311	Men's, youths', and boys' clothing....	8	100.0	7.0	11.8	28.2	2.4	15.7	1.8	7.8	3.9	21.4	-
238	Miscellaneous apparel and accessories..	6	100.0	9.8	14.9	39.2	12.8	5.5	6.8	6.8	-	4.2	-
239	Miscellaneous fabricated textile products.....	5	100.0	-	4.0	35.6	10.5	40.1	1.3	2.6	.5	5.4	-
24	Lumber and wood products, except furniture.....	98	100.0	9.0	17.3	28.5	8.0	17.2	4.3	7.7	3.1	4.9	-
243	Millwork and prefabricated wood products, including plywood and veneer....	27	100.0	3.1	17.6	15.9	16.3	18.1	4.7	7.5	5.0	11.8	-
2431	Millwork (except metal covered).....	27	100.0	3.1	17.6	15.9	16.3	18.1	4.7	7.5	5.0	11.8	-
244	Wooden containers.....	2	100.0	-	-	97.5	2.4	-	.1	-	-	-	-
2441	Wooden containers.....	2	100.0	-	-	97.5	2.4	-	.1	-	-	-	-
25	Furniture and fixtures.....	180	100.0	9.8	17.1	13.1	9.2	11.0	1.7	13.5	9.2	15.4	-
251	Household and office furniture.....	100	100.0	14.0	21.9	15.3	10.3	9.5	1.6	3.0	7.4	17.0	-
2511	Chairs, rockers, benches, and stools...	12	100.0	.6	11.6	6.6	6.3	10.1	1.0	6.2	6.6	51.0	-
2512	Tables or desks.....	26	100.0	36.3	25.2	3.2	11.6	5.3	.4	1.3	6.6	10.1	-
2517	Cabinets and cases.....	32	100.0	7.3	15.8	15.6	8.9	9.2	2.6	3.8	13.9	22.9	-
254	Partitions, shelving, lockers, and office and store fixtures.....	67	100.0	.5	6.6	12.0	5.5	13.7	2.1	31.5	13.6	14.5	-
2542	Metal partitions, shelving, lockers, and office and store fixtures.....	67	100.0	.5	6.6	12.0	5.4	13.7	2.1	31.6	13.6	14.5	-
26	Pulp, paper, and allied products.....	510	100.0	2.3	9.8	25.1	13.8	5.4	7.7	9.1	11.0	15.6	-
263	Paperboard, fiberboard, and pulpboard (except insulating board).....	43	100.0	1.4	10.4	45.5	13.2	-	5.4	24.1	-	-	-
2631	Paperboard, fiberboard, and pulpboard (except insulating board).....	43	100.0	1.4	10.4	45.5	13.2	-	5.4	24.1	-	-	-
264	Converted paper and paperboard products (except containers and boxes)....	171	100.0	5.0	13.4	17.2	15.5	9.1	6.0	10.2	3.4	20.2	-
2642	Envelopes (except stationery).....	27	100.0	2.9	21.1	17.5	21.7	3.8	1.2	4.7	3.9	23.2	-
2649	Miscellaneous converted paper products and paperboard products.....	76	100.0	2.3	8.4	12.5	14.2	11.9	8.2	17.3	1.0	24.2	-
265	Containers, boxes and related products, paperboard, fiberboard, and pulpboard.	158	100.0	1.3	8.5	35.6	15.2	3.9	7.2	7.9	2.5	17.9	-
2651	Containers, boxes, baskets, pallets and skids, paperboard, fiberboard, and pulpboard.....	101	100.0	1.6	12.0	42.4	18.7	3.1	6.2	7.1	3.1	18.8	-
2654	Sanitary food containers.....	45	100.0	1.0	2.8	17.1	11.5	2.3	2.2	11.7	1.8	49.6	-

See footnotes at end of table.

TABLE 3. Percent Distribution of Commodities, by Geographic Division of Destination: 1967-Continued

TCC code	Commodity	Number	Percent distribution by geographic division ¹ of destination										Sampling variability code ³
			All means of transport	New England	Middle Atlantic	East North Central	West North Central	South Atlantic	East South Central	West South Central	Mountain	Pacific ²	
	TON-MILES OF SHIPMENTS--Continued	(millions of ton-miles)											
28	Chemicals and allied products.....	2,986	100.0	3.6	13.2	20.6	10.3	9.6	6.0	12.2	2.3	22.2	-
281	Industrial chemicals.....	1,115	100.0	4.1	19.1	22.0	7.4	9.3	10.1	10.3	1.8	15.9	-
2812	Basic inorganic chemical compounds (including chlorine, potassium, and sodium compounds).....	214	100.0	4.8	21.9	26.9	8.5	6.3	1.9	7.7	1.6	20.4	-
2818	Miscellaneous industrial organic chemicals.....	183	100.0	.3	34.2	12.2	6.7	8.4	9.6	6.5	1.3	20.8	-
282	Plastic materials and plasticizers, synthetic resins, rubbers, and fibers	278	100.0	4.0	19.7	25.2	14.7	7.7	4.0	4.6	.4	19.7	-
2821	Plastic materials and plasticizers, synthetic resins, rubbers, and fibers	278	100.0	4.0	19.7	25.2	14.7	7.7	4.0	4.6	.4	19.7	-
284	Soap and detergents, cleaning preparations, perfumes, cosmetics, and other toilet preparations.....	558	100.0	3.5	4.0	12.9	10.3	8.5	2.8	17.8	3.9	36.3	-
2841	Soap and other detergents (except specialty cleansers).....	281	100.0	5.8	3.7	14.1	8.5	7.0	.3	7.1	.7	52.8	-
2842	Specialty cleaning polishing, and sanitation preparations (except soap and detergents).....	146	100.0	.9	3.3	13.7	15.2	13.1	6.1	17.7	12.2	17.8	-
2844	Perfumes, cosmetics, and other toilet preparations.....	120	100.0	1.6	5.2	7.1	8.9	7.3	1.4	43.4	1.4	23.7	-
285	Paints, varnishes, lacquers, enamels, and allied products.....	235	100.0	4.9	10.7	21.7	13.4	16.6	4.8	5.6	2.3	20.0	-
2851	Paints, varnishes, lacquers, enamels, and allied products.....	235	100.0	4.9	10.7	21.7	13.4	16.6	4.8	5.6	2.3	20.0	-
29	Petroleum and coal products.....	3,479	100.0	.6	4.0	24.5	19.2	2.9	29.6	10.2	1.0	8.0	-
291	Products of petroleum refining.....	2,947	100.0	.7	1.7	22.6	20.6	1.9	33.4	10.1	1.0	8.0	-
2911	Products of petroleum refining (except liquefied petroleum gases and petroleum coke and breeze).....	2,904	100.0	.1	1.5	22.4	20.8	2.0	33.9	10.2	1.0	8.1	-
295	Paving and roofing materials.....	269	100.0	.3	2.5	51.6	22.1	5.2	13.2	2.9	2.0	.2	-
2951	Paving mixtures and blocks.....	31	100.0	3.0	22.1	47.6	18.5	7.2	.1	-	1.5	-	-
2952	Asphalt felt and coatings.....	239	100.0	-	-	51.8	22.5	5.0	15.0	3.3	2.1	.3	-
299	Miscellaneous petroleum and coal products.....	262	100.0	.1	32.3	18.2	.8	11.9	1.1	19.1	.1	16.4	-
2991	Miscellaneous petroleum and coal products.....	262	100.0	.1	32.3	18.2	.8	11.9	1.1	19.1	.1	16.4	-
30	Rubber and miscellaneous plastics products.....	263	100.0	5.2	19.4	13.8	13.1	11.9	1.6	9.4	2.6	23.0	-
307	Miscellaneous plastic products.....	180	100.0	5.8	19.6	10.8	14.5	11.3	1.8	8.3	2.2	25.7	-
3071	Miscellaneous plastic products.....	180	100.0	5.8	19.6	10.8	14.5	11.3	1.8	8.3	2.2	25.7	-
32	Stone, clay, and glass products.....	939	100.0	2.5	10.6	47.3	13.9	4.2	5.7	6.2	1.4	8.2	-
322	Glass and glassware, pressed and blown	333	100.0	.3	6.2	54.5	19.2	2.2	6.5	7.8	2.4	.9	-
3221	Glass containers, caps and covers.....	333	100.0	.3	6.2	54.5	19.2	2.2	6.5	7.8	2.4	.9	-
325	Structural clay products.....	88	100.0	5.2	15.0	58.8	10.5	1.7	1.4	3.5	1.9	2.0	-
327	Concrete, gypsum, plaster, and plaster products.....	98	100.0	3.7	5.6	50.2	30.6	2.8	7.0	.1	-	-	-
329	Abrasives, asbestos, and miscellaneous nonmetallic mineral products.....	241	100.0	5.4	22.5	15.3	6.0	6.9	9.4	11.1	.9	22.5	-
33	Primary metal products.....	2,964	100.0	1.8	7.1	25.6	14.4	5.0	6.4	13.5	4.8	21.4	-
331	Steel works and rolling mill products.	2,106	100.0	.8	4.5	22.8	15.5	4.7	7.5	15.6	5.6	23.0	-
3312	Primary iron and steel products (except coke-oven products).....	1,871	100.0	.3	3.1	22.8	16.4	2.8	7.7	16.5	5.7	24.7	-
3315	Steel wire, nails, and spikes.....	233	100.0	5.4	15.3	22.0	8.4	19.6	5.9	7.9	5.1	10.4	-
332	Iron and steel castings.....	246	100.0	.3	4.5	57.4	8.7	1.4	4.6	15.9	.2	7.0	-
3321	Iron and steel castings.....	246	100.0	.3	4.5	57.4	8.7	1.4	4.6	15.9	.2	7.0	-
333	Nonferrous metals primary smelter products (slab, ingot, pig, etc., and residues)....	115	100.0	-	14.6	36.6	18.2	3.1	4.5	4.3	1.0	17.7	-
335	Nonferrous metal basic shapes.....	412	100.0	7.4	20.5	14.2	9.8	9.3	3.0	4.1	4.9	26.8	-

See footnotes at end of table.

TABLE 3. Percent Distribution of Commodities, by Geographic Division of Destination: 1967--Continued

TCC code	Commodity	Number	Percent distribution by geographic division ¹ of destination										Sampling variability code ³
			All means of transport	New England	Middle Atlantic	East North Central	West North Central	South Atlantic	East South Central	West South Central	Mountain	Pacific ²	
	TON-MILES OF SHIPMENTS--Continued	(millions of ton-miles)											
3351	Copper, brass, bronze, and other copper base alloy basic shapes.....	113	100.0	16.0	12.7	16.3	5.0	5.7	1.8	3.5	12.4	26.6	-
3352	Aluminum and aluminum base alloy basic shapes (except aluminum foil).....	113	100.0	4.0	2.0	17.1	7.8	10.8	5.9	6.3	.1	46.0	-
3356	Miscellaneous nonferrous metal basic shapes (plate, sheet, strip, rods, bars, pipe, and tubing).....	51	100.0	2.1	27.1	29.6	21.7	3.0	1.5	.8	7.8	6.4	-
3369	Miscellaneous nonferrous metal castings.....	7	100.0	1.6	14.1	34.4	8.9	15.0	14.2	6.5	2.3	3.0	-
339	Miscellaneous primary metal products..	66	100.0	4.2	4.9	53.3	8.9	3.9	2.0	11.7	.3	10.8	-
3391	Iron and steel forgings.....	58	100.0	3.5	5.2	59.1	9.8	3.7	1.7	8.7	.2	8.1	-
34	Fabricated metal products.....	1,547	100.0	6.4	10.2	22.7	16.2	9.6	4.7	11.6	6.2	12.4	-
341	Metal cans.....	182	100.0	1.5	8.4	19.5	22.9	8.2	2.9	12.8	13.2	10.6	-
3411	Metal cans... ..	182	100.0	1.5	8.4	19.5	22.9	8.2	2.9	12.8	13.2	10.6	-
342	Cutlery, hand tools, and general hardware.....	120	100.0	2.0	6.8	12.2	9.4	10.0	5.8	11.5	3.1	39.2	-
3423	Hand and edge tools (except machine tools and hand saws).....	40	100.0	3.0	7.7	12.6	16.8	9.0	11.7	25.1	1.0	13.1	-
3428	Builders' and cabinet hardware and fireplace equipment.....	50	100.0	1.5	5.1	6.4	7.9	5.6	2.9	3.0	2.4	65.2	-
3429	Miscellaneous hardware.....	30	100.0	1.5	8.5	21.4	2.1	18.7	2.6	7.1	7.1	31.0	-
343	Plumbing fixtures and heating apparatus (except electric).....	40	100.0	4.8	7.0	22.3	21.4	10.3	2.4	4.0	1.5	26.3	-
344	Structural and miscellaneous metal products.....	449	100.0	15.3	9.8	20.4	17.7	14.4	1.5	5.9	6.6	8.4	-
3441	Structural metal products.....	241	100.0	21.5	7.9	13.9	12.0	18.9	.6	3.0	8.8	13.4	-
345	Bolts, nuts, screws, rivets, washers, and other industrial fasteners.....	141	100.0	2.3	14.7	42.1	5.6	8.1	6.9	11.4	.3	8.6	-
3452	Bolts, nuts, screws, rivets, washers, and other industrial fasteners.....	141	100.0	2.3	14.7	42.1	5.6	8.1	6.9	11.4	.3	8.6	-
346	Metal stampings.....	123	100.0	3.0	11.7	13.3	7.7	15.3	3.6	11.5	3.0	30.9	-
3461	Metal stampings.....	123	100.0	3.0	11.7	13.3	7.7	15.3	3.6	11.5	3.0	30.9	-
348	Miscellaneous fabricated wire products	290	100.0	2.6	5.5	28.9	24.0	3.8	7.2	23.1	4.6	.3	-
3481	Miscellaneous fabricated wire products	290	100.0	2.6	5.5	28.9	24.0	3.8	7.2	23.1	4.6	.3	-
349	Miscellaneous fabricated metal products.....	202	100.0	4.5	17.8	21.4	11.2	5.4	8.8	8.2	9.6	13.1	-
3494	Valves and pipe fittings (except plumbers' brass goods and fittings)..	59	100.0	5.0	19.9	8.6	4.6	8.0	2.8	14.7	14.9	21.5	-
3499	Fabricated metal products, n.e.c.....	82	100.0	6.8	24.8	17.1	5.5	7.2	14.1	5.3	2.5	16.7	-
35	Machinery, except electrical.....	2,517	100.0	3.5	14.9	9.4	8.0	11.8	3.7	11.2	6.0	31.5	-
351	Engines and turbines.....	118	100.0	8.0	15.2	17.2	4.9	10.5	5.2	17.8	3.5	17.7	-
3519	Miscellaneous internal combustion engines.....	118	100.0	8.0	15.2	17.2	4.9	10.5	5.2	17.8	3.5	17.7	-
352	Farm machinery and equipment.....	470	100.0	1.8	10.5	12.4	26.0	8.8	8.4	15.3	8.0	8.8	-
3522	Farm machinery and equipment.....	470	100.0	1.8	10.5	12.4	26.0	8.8	8.4	15.3	8.0	8.8	-
353	Construction, mining, and materials handling machinery and equipment.....	1,331	100.0	2.0	15.4	5.9	4.0	13.0	2.4	9.7	4.6	43.0	-
3531	Construction machinery and equipment..	1,216	100.0	1.7	15.1	5.4	3.0	13.3	2.1	9.9	4.0	45.5	-
3532	Mining machinery, equipment, and parts (except oil field machinery and equipment).....	8	100.0	.3	17.2	5.8	26.9	2.9	44.7	.5	1.2	.5	-
3535	Conveyors and conveying equipment (except hoists and farm elevators)...	26	100.0	3.6	10.1	14.2	13.5	9.8	3.6	5.3	23.6	16.8	-
354	Metalworking machinery and equipment..	121	100.0	11.4	30.6	18.4	2.4	6.5	1.4	5.1	3.3	20.9	-
3544	Special dies and tools, die sets, jigs, fixtures, and industrial molds and patterns.....	24	100.0	2.9	47.3	19.6	.8	10.2	.6	2.2	.4	16.0	-
3545	Machine tool accessories, measuring tools, and measuring devices.....	1	100.0	10.4	18.6	13.5	3.3	3.4	.6	16.5	5.1	28.6	-
356	General industrial machinery and equipment.....	219	100.0	7.8	16.6	15.8	4.7	9.3	3.0	11.5	4.2	25.1	-
3561	Pumps, air and gas compressors, and measuring and dispensing pumps, also pumping equipment.....	122	100.0	4.9	21.2	9.6	4.1	12.4	1.7	18.2	2.8	25.1	-

See footnotes at end of table.

TABLE 3. Percent Distribution of Commodities, by Geographic Division of Destination: 1967--Continued

TCC code	Commodity	Number	Percent distribution by geographic division ¹ of destination										Sampling variability code ³
			All means of transport	New England	Middle Atlantic	East North Central	West North Central	South Atlantic	East South Central	West South Central	Mountain	Pacific ²	
	TON-MILES OF SHIPMENTS--Continued	(millions of ton-miles)											
357	Office, computing, and accounting machines.....	48	100.0	7.2	8.7	4.2	4.9	10.0	1.9	6.0	2.3	54.8	-
3579	Miscellaneous office machines.....	35	100.0	5.6	7.7	4.0	5.3	11.1	1.0	6.4	2.9	56.0	-
358	Service industry machines.....	66	100.0	8.3	9.8	3.8	4.2	17.0	4.4	10.2	8.1	34.2	-
3585	Refrigerators and refrigeration machinery (except household), and complete air-conditioning units.....	33	100.0	7.8	9.4	1.0	2.2	21.7	3.2	4.9	4.3	45.5	-
359	Miscellaneous machinery and parts (except electrical).....	20	100.0	4.7	17.4	12.1	4.3	15.7	2.6	11.3	7.0	24.9	-
3599	Miscellaneous machinery and parts (except electrical).....	20	100.0	4.7	17.4	12.1	4.3	15.7	2.6	11.3	7.0	24.9	-
36	Electrical machinery and equipment....	1,051	100.0	5.1	32.5	7.3	4.5	10.8	2.5	7.7	5.6	24.0	-
361	Electrical transmission and distribution equipment.....	104	100.0	9.4	13.9	4.2	2.3	14.0	2.3	10.4	2.2	41.3	-
362	Electrical industrial apparatus.....	47	100.0	14.2	13.0	15.0	1.1	7.5	2.1	11.0	2.0	34.1	-
3621	Motors and generators.....	1	100.0	8.7	13.4	13.1	3.4	1.0	2.3	2.2	3.2	52.7	-
363	Household appliances.....	514	100.0	3.6	49.4	3.8	3.1	9.4	1.9	6.5	7.5	14.8	-
3631	Household cooking equipment, all types.	30	100.0	.8	20.9	7.2	10.1	25.1	1.4	7.2	1.0	26.3	-
364	Electric lighting and wiring equipment.	53	100.0	2.9	15.2	22.8	11.2	7.4	3.8	5.4	7.2	24.1	-
3642	Lighting fixtures.....	36	100.0	2.7	13.4	21.1	8.8	7.9	2.9	6.2	9.0	28.0	-
3643	Current carrying wiring devices (including lightning rods).....	5	100.0	4.0	27.3	5.8	3.4	13.0	4.0	7.3	4.2	31.0	-
365	Radio and television receiving sets (except communication types), phonographs, and phonograph records.....	149	100.0	6.1	25.0	8.2	3.9	12.0	4.0	10.2	7.2	23.4	-
3651	Radio and television receiving sets (except communication types), and phonographs.....	136	100.0	6.6	25.1	6.2	4.2	12.9	4.4	11.0	7.9	21.7	-
3662	Radio and television transmitting, signaling, and detection equipment and apparatus.....	8	100.0	1.7	9.0	2.1	3.8	14.8	2.9	12.2	5.3	48.2	-
367	Electronic components or accessories...	70	100.0	3.9	18.1	5.0	3.4	16.0	4.5	4.8	.4	43.9	-
3679	Miscellaneous electronic components and accessories.....	41	100.0	1.5	11.1	4.3	2.7	14.8	1.5	5.5	.5	58.1	-
369	Miscellaneous electrical machinery, equipment, and supplies.....	58	100.0	3.2	8.8	15.1	12.4	16.9	2.6	13.2	2.6	25.2	-
3699	Electrical machinery, equipment, and supplies, n.e.c.....	8	100.0	1.1	2.7	3.3	2.0	28.2	9.7	46.3	2.4	4.3	-
37	Transportation equipment.....	1,205	100.0	.9	9.6	18.8	9.3	11.2	5.3	9.5	3.3	32.1	-
371	Motor vehicles and motor vehicle equipment.....	1,043	100.0	1.0	7.8	19.7	9.5	10.6	4.8	10.0	3.6	33.0	-
3714	Motor vehicle parts and accessories....	567	100.0	.5	10.4	30.4	7.4	15.1	6.2	4.0	1.1	24.9	-
374	Railroad equipment.....	145	100.0	.3	21.6	12.2	8.4	15.4	9.4	4.7	1.4	26.6	-
379	Miscellaneous transportation equipment.	5	100.0	-	2.8	34.8	19.3	8.8	.5	33.4	.4	-	-
3799	Transportation equipment, n.e.c.....	5	100.0	-	2.8	34.8	19.3	8.8	.5	33.4	.4	-	-
38	Instruments, photographic goods, optical goods, watches, and clocks.....	57	100.0	3.9	22.1	11.8	6.7	8.4	4.3	9.1	3.2	30.5	-
382	Measuring, controlling, and indicating instruments.....	20	100.0	2.9	21.6	10.3	4.7	8.8	2.4	17.3	.3	31.7	-
386	Photographic equipment and supplies....	19	100.0	6.3	30.1	6.6	8.0	9.3	1.5	4.7	5.8	27.7	-
3861	Photographic equipment and supplies....	19	100.0	6.3	30.1	6.6	8.0	9.3	1.5	4.7	5.8	27.7	-
387	Watches, clocks, and parts, and clock-work operated devices and parts.....	10	100.0	3.1	22.3	5.8	4.7	8.0	3.4	5.6	3.0	44.1	-
3871	Watches, clocks, and parts, and clock-work operated devices and parts.....	10	100.0	3.1	22.3	5.8	4.7	8.0	3.4	5.6	3.0	44.1	-
39	Miscellaneous products of manufacturing	173	100.0	6.4	14.7	6.0	4.4	12.8	3.2	10.8	5.5	36.2	-
3999	Manufactured products, n.e.c.....	12	100.0	.8	26.9	6.5	5.7	5.4	1.4	1.8	2.3	49.2	-

¹For States included in the geographic divisions, see map on inside cover.²Shipments to Alaska and Hawaii from the 48 conterminous States and the District of Columbia are included; no data were obtained for shipments originating in Alaska and Hawaii.³Code letter indicates a sampling variability range as follows: a, 0-9 percent; b, 10-19 percent; c, 20-29 percent; and d, 30-50 percent. The variability for ton-miles has not been estimated.

INDIANA

SUMMARY

The estimates of tons and ton-miles are based on reports from a sample of manufacturing establishments located in the State of Indiana. The total tons and ton-miles represent the total intercity shipments by essentially all manufacturing establishments in the State, except for plants with less than 20 employees. However, since the data are based on a sample, the estimates necessarily are subject to "sampling variability."

The approximate degree of sampling variability for tons for each commodity or commodity class is indicated in the last column of tables 1 to 3. In general, most of the commodity data in this report are subject to substantial sampling variability and should be treated as approximate rather than precise measures.

About 58 million tons of commodities were shipped by plants in this area to destinations beyond the local area. These shipments generated 13 billion ton-miles by all means of transport combined, and averaged about 229 straight-line miles per ton shipped.

Table B indicates that 40 percent of the tons moved less than 100 miles but that mileage

block accounts for only 7 percent of the ton-miles.

Motor carrier and rail are the dominant means of transport accounting for 38.7 percent and 36.1 percent, respectively, of the total tons shipped. When measured in terms of ton-miles rather than tons, rail becomes dominant accounting for 51.4 percent of the total ton-miles while motor carrier accounts for 31.4 percent.

As shown in tables A and B, petroleum and coal products have a marked influence on the distribution of shipments as a result of their large volume and unusual traffic pattern. Consequently, two totals are shown: (1) all commodities combined, and (2) the total exclusive of petroleum and coal products. The influence of these products is most evident in connection with shipments by water, as measured by both tons and ton-miles.

As shown in table C, almost 80 percent of the total tons shipped by plants in Indiana remained in the North Central Region. However, for some commodity groups (such as Machinery, Except Electrical; Rubber and Miscellaneous Plastics Products; and Transportation Equipment) a more widespread distribution is indicated.

Table A. PERCENT DISTRIBUTION OF SHIPMENTS, AND AVERAGE LENGTH OF HAUL, BY MEANS OF TRANSPORT

Means of transport	Tons	Ton-miles	Average length of haul
	(thousands)	(millions)	(miles)
All commodities.....	58,214	13,341	-
All commodities except petroleum and coal products.....	48,052	12,476	-
Percent distribution			
ALL COMMODITIES			
All means of transport.....	100.0	100.0	229
Rail.....	36.1	51.4	326
Motor carrier.....	38.7	31.4	186
Private truck.....	18.0	10.8	138
Air.....	-	.1	-
Water.....	6.9	5.9	-
All other.....	.3	.4	-
ALL COMMODITIES EXCEPT PETROLEUM AND COAL PRODUCTS			
All means of transport.....	100.0	100.0	260
Rail.....	41.7	53.2	332
Motor carrier.....	37.5	31.7	220
Private truck.....	18.1	10.7	153
Air.....	-	.1	-
Water.....	2.4	3.9	-
All other.....	.3	.4	-

Note: Average length of haul is based on straight-line miles from plant to customer or primary redistribution point, weighted by tonnage shipped (i.e., ton-miles divided by tons). Rail short-line and highway direct-route distances average about 24 and 21 percent, respectively, longer than straight-line distances.

Table B. PERCENT DISTRIBUTION OF SHIPMENTS BY DISTANCE OF SHIPMENT

Distance shipped	Tons	Ton-miles
ALL COMMODITIES		
All distances.....	100.0	100.0
Under 100 miles.....	39.5	7.3
100 to 199 miles.....	23.7	15.0
200 to 299 miles.....	14.6	15.3
300 to 499 miles.....	10.2	17.7
500 to 999 miles.....	9.9	28.8
1,000 to 1,499 miles.....	.4	1.9
1,500 miles and over.....	1.7	14.0
ALL COMMODITIES EXCEPT PETROLEUM AND COAL PRODUCTS		
All distances.....	100.0	100.0
Under 100 miles.....	33.0	5.8
100 to 199 miles.....	24.3	13.5
200 to 299 miles.....	16.4	15.1
300 to 499 miles.....	11.9	18.2
500 to 999 miles.....	11.8	30.4
1,000 to 1,499 miles.....	.5	2.0
1,500 miles and over.....	2.1	15.0

Table C. PERCENT DISTRIBUTION OF TONS OF COMMODITIES BY REGION OF DESTINATION

TCC code	Commodity class	Tons (thousands)	Percent distribution by region ¹ of destination				
			All destinations	North-east	North Central	South	West
	Total.....	² 58,214	100.0	5.3	79.9	12.4	2.4
20	Food and kindred products.....	7,498	100.0	12.0	65.2	21.3	1.5
26	Pulp, paper, and allied products.....	1,176	100.0	9.6	73.7	14.2	2.5
28	Chemicals and allied products.....	3,347	100.0	2.3	77.7	12.0	8.0
29	Petroleum and coal products.....	10,162	100.0	.4	97.3	2.3	-
30	Rubber and miscellaneous plastics products.....	733	100.0	13.6	55.8	21.2	9.4
32	Stone, clay, and glass products.....	7,466	100.0	2.3	84.4	12.7	.6
33	Primary metal products.....	17,855	100.0	3.8	84.9	9.7	1.6
34	Fabricated metal products.....	1,413	100.0	6.0	73.0	17.2	3.8
35	Machinery, except electrical.....	1,168	100.0	15.9	47.1	29.7	7.3
36	Electrical machinery and equipment.....	1,457	100.0	8.6	64.6	18.3	8.5
37	Transportation equipment.....	2,244	100.0	11.6	58.2	19.9	10.3

¹See map on inside cover for areas included in the regions of the United States.

²Total includes commodities not shown separately.

TABLE 1. Percent Distribution of Commodities, by Means of Transport: 1967

TCC code	Commodity	Number	Percent distribution by means of transport								Sampling variability code ¹
			All means of transport	Rail	Motor carrier	Private truck	Air	Water	Other	Unknown	
	TONS OF SHIPMENTS	(thousands of tons)									
	Indiana, total.....	58,214	100.0	36.1	38.7	18.0	-	6.9	0.2	0.1	-
20	Food and kindred products.....	7,498	100.0	42.2	15.9	41.8	-	-	.1	-	d
201	Meat, poultry, and small game; fresh, chilled or frozen.....	161	100.0	5.5	41.9	52.6	-	-	-	-	d
204	Grain mill products.....	2,049	100.0	45.4	21.3	33.2	-	-	-	.1	d
208	Beverages and flavoring extracts.....	914	100.0	35.5	10.3	53.9	-	-	.3	-	c
251	Household and office furniture.....	392	100.0	20.1	26.1	53.0	-	-	.7	.1	d
2511	Chairs, rockers, benches, and stools..	13	100.0	20.3	45.6	33.9	-	-	.1	.1	d
26	Pulp, paper, and allied products.....	1,176	100.0	21.2	47.2	29.5	-	.2	1.7	.2	d
264	Converted paper and paperboard products (except containers and boxes)...	343	100.0	24.3	62.3	9.6	0.1	-	3.7	-	d
28	Chemicals and allied products.....	3,347	100.0	45.3	29.9	24.6	-	-	.2	-	c
282	Plastic materials and plasticizers, synthetic resins, rubbers, and fibers.....	84	100.0	51.6	40.7	7.6	.1	-	-	-	d
2821	Plastic materials and plasticizers, synthetic resins, rubbers, and fibers.....	84	100.0	51.6	40.7	7.6	.1	-	-	-	d
283	Drugs (biological products, medicinal chemicals, botanical products, and pharmaceutical preparations).....	60	100.0	15.5	61.2	18.6	-	-	4.7	-	d
2831	Drugs (biological products, medicinal chemicals, botanical products, and pharmaceutical preparations).....	60	100.0	15.5	61.2	18.6	-	-	4.7	-	d
284	Soap and detergents, cleaning preparations, perfumes, cosmetics, and other toilet preparations.....	301	100.0	17.2	82.5	-	-	-	.3	-	b
285	Paints, varnishes, lacquers, enamels, and allied products.....	71	100.0	10.1	74.4	15.4	-	.1	-	-	c
2851	Paints, varnishes, lacquers, enamels, and allied products.....	71	100.0	10.1	74.4	15.4	-	.1	-	-	c
289	Miscellaneous chemical products.....	234	100.0	25.7	37.3	35.9	-	-	1.1	-	d
2899	Chemical products, n.e.c.....	172	100.0	35.0	45.1	19.3	-	-	.6	-	d
29	Petroleum and coal products.....	10,162	100.0	9.8	44.6	17.4	-	28.1	-	.1	c
291	Products of petroleum refining.....	9,399	100.0	7.8	44.0	17.9	-	30.3	-	-	c
2911	Products of petroleum refining (except liquefied petroleum gases and petroleum coke and breeze).....	9,339	100.0	7.6	44.2	17.7	-	30.5	-	-	c
295	Paving and roofing materials.....	646	100.0	22.6	61.2	14.4	-	-	-	1.8	c
30	Rubber and miscellaneous plastics products.....	733	100.0	12.5	75.4	8.3	.2	.2	.4	3.0	c
306	Miscellaneous fabricated rubber products.....	235	100.0	11.4	65.7	12.9	.6	-	.2	9.2	d
3061	Miscellaneous fabricated rubber products.....	235	100.0	11.4	65.7	12.9	.6	-	.2	9.2	d
307	Miscellaneous plastic products.....	345	100.0	7.7	83.5	8.4	-	.2	.1	.1	d
3071	Miscellaneous plastic products.....	345	100.0	7.7	83.5	8.4	-	.2	.1	.1	d
32	Stone, clay, and glass products.....	7,466	100.0	47.5	34.0	13.2	-	5.3	-	-	c
322	Glass and glassware, pressed and blown.....	1,076	100.0	10.8	76.3	12.9	-	-	-	-	d
3221	Glass containers, caps and covers.....	1,030	100.0	11.1	76.3	12.6	-	-	-	-	d
33	Primary metal products.....	17,855	100.0	45.8	42.5	7.6	-	4.1	-	-	d
331	Steel works and rolling mill products.	15,809	100.0	47.6	42.5	5.2	-	4.7	-	-	d
3312	Primary iron and steel products (except coke-oven products).....	14,615	100.0	50.9	38.6	5.4	-	5.1	-	-	d
332	Iron and steel castings.....	689	100.0	17.2	39.8	43.0	-	-	-	-	c
3321	Iron and steel castings.....	689	100.0	17.2	39.8	43.0	-	-	-	-	c

See footnote at end of table.

TABLE 1. Percent Distribution of Commodities, by Means of Transport: 1967--Continued

TCC code	Commodity	Number	Percent distribution by means of transport								Sampling variability code ¹
			All means of transport	Rail	Motor carrier	Private truck	Air	Water	Other	Unknown	
	TONS OF SHIPMENTS--Continued	(thousands of tons)									
333	Nonferrous metals primary smelter products (slab, ingot, pig, etc., and residues).....	323	100.0	27.5	31.4	41.1	-	-	-	-	d
335	Nonferrous metal basic shapes.....	697	100.0	41.1	47.3	11.6	-	-	-	-	b
3357	Nonferrous wire (including insulated wire).....	237	100.0	1.1	70.9	27.9	-	-	0.1	-	d
339	Miscellaneous primary metal products...	225	100.0	47.1	49.9	3.0	-	-	-	-	c
34	Fabricated metal products.....	1,413	100.0	23.8	51.7	23.6	0.3	-	.4	0.2	b
344	Structural and miscellaneous metal products.....	343	100.0	24.8	43.3	31.8	-	-	.1	-	d
346	Metal stampings.....	308	100.0	49.2	48.2	1.8	.1	-	.1	.6	d
3461	Metal stampings.....	308	100.0	49.2	48.2	1.8	.1	-	.1	.6	d
349	Miscellaneous fabricated metal products	100	100.0	13.8	79.8	1.4	.1	-	4.9	-	d
3499	Fabricated metal products, n.e.c.....	56	100.0	15.0	83.1	.6	.1	-	1.2	-	d
35	Machinery, except electrical.....	1,168	100.0	23.2	57.9	15.6	.2	0.2	2.5	.4	b
352	Farm machinery and equipment.....	279	100.0	21.8	38.8	30.8	-	-	7.8	.8	d
3522	Farm machinery and equipment.....	279	100.0	21.8	38.8	30.8	-	-	7.8	.8	d
354	Metalworking machinery and equipment...	64	100.0	36.8	59.2	2.7	1.2	-	.1	-	b
3544	Special dies and tools, die sets, jigs, fixtures, and industrial molds and patterns.....	13	100.0	-	84.7	9.8	5.3	-	.2	-	d
356	General industrial machinery and equipment.....	289	100.0	6.7	81.1	10.5	.4	-	.7	.6	c
3566	Mechanical power transmission equipment, except ball and roller bearings.	126	100.0	6.5	86.1	6.3	.4	-	.7	-	b
358	Service industry machines.....	183	100.0	32.4	40.0	26.1	-	-	1.5	-	c
3585	Refrigerators and refrigeration machinery (except household), and complete air conditioning units.....	181	100.0	32.8	40.6	25.1	-	-	1.5	-	c
359	Miscellaneous machinery and parts (except electrical).....	21	100.0	21.8	72.4	1.5	1.2	-	.5	2.6	c
3599	Miscellaneous machinery and parts (except electrical).....	21	100.0	21.8	72.4	1.5	1.2	-	.5	2.6	c
36	Electrical machinery and equipment.....	1,457	100.0	28.1	59.1	11.8	.5	-	.4	.1	c
361	Electrical transmission and distribution equipment.....	62	100.0	58.1	24.4	15.7	.6	-	1.2	-	b
3612	Power, distribution, and specialty transformers.....	60	100.0	60.1	22.5	16.2	.4	-	.8	-	b
362	Electrical industrial apparatus.....	114	100.0	-	70.2	28.4	.5	-	.9	-	b
3621	Motors and generators.....	110	100.0	-	69.4	29.2	.5	-	.9	-	b
363	Household appliances.....	303	100.0	77.0	17.7	5.0	-	-	-	.3	c
365	Radio and television receiving sets (except communication types), phonographs, and phonograph records.....	191	100.0	26.8	64.4	6.6	1.0	-	1.2	-	a
3679	Miscellaneous electronic components and accessories.....	20	100.0	10.6	48.4	33.0	4.7	.2	3.1	-	d
37	Transportation equipment.....	2,244	100.0	47.0	47.0	4.8	.4	.7	-	.1	a
371	Motor vehicles and motor vehicle equipment.....	1,810	100.0	48.9	49.6	.1	.5	.8	-	.1	a
3714	Motor vehicle parts and accessories....	1,289	100.0	47.1	52.2	.1	.6	-	-	-	b
374	Railroad equipment.....	211	100.0	70.3	29.2	.5	-	-	-	-	d
3742	Railroad and street cars.....	211	100.0	70.3	29.2	.5	-	-	-	-	d

See footnote at end of table.

TABLE 1. Percent Distribution of Commodities, by Means of Transport: 1967--Continued

TCC code	Commodity	Number	Percent distribution by means of transport								Sampling variability code ¹
			All means of transport	Rail	Motor carrier	Private truck	Air	Water	Other	Unknown	
	TON-MILES OF SHIPMENTS	(millions of ton-miles)									
	Indiana, total.....	13,341	100.0	51.4	31.4	10.8	0.1	5.9	0.3	0.1	-
20	Food and kindred products.....	1,943	100.0	62.9	15.8	21.1	-	-	.1	.1	-
201	Meat, poultry, and small game; fresh, chilled or frozen.....	28	100.0	9.5	64.0	26.5	-	-	-	-	-
204	Grain mill products.....	550	100.0	75.9	14.6	9.3	-	-	-	.2	-
208	Beverages and flavoring extracts.....	305	100.0	65.5	10.5	23.6	-	-	.4	-	-
251	Household and office furniture.....	124	100.0	22.9	46.8	28.8	-	-	1.2	.3	-
2511	Chairs, rockers, benches, and stools..	10	100.0	45.4	37.3	17.3	-	-	-	-	-
26	Pulp, paper, and allied products.....	324	100.0	41.4	41.3	12.9	.1	.6	3.6	.1	-
264	Converted paper and paperboard products (except containers and boxes)...	149	100.0	36.3	52.2	3.6	.1	.4	7.4	-	-
28	Chemicals and allied products.....	977	100.0	69.0	24.2	6.6	-	-	.2	-	-
282	Plastic materials and plasticizers, synthetic resins, rubbers, and fibers.....	29	100.0	41.3	49.3	9.3	.1	-	-	-	-
2821	Plastic materials and plasticizers, synthetic resins, rubbers, and fibers.....	29	100.0	41.3	49.3	9.3	.1	-	-	-	-
283	Drugs (biological products, medicinal chemicals, botanical products, and pharmaceutical preparations).....	28	100.0	58.2	33.2	5.4	.1	.1	3.0	-	-
2831	Drugs (biological products, medicinal chemicals, botanical products, and pharmaceutical preparations).....	28	100.0	58.2	33.2	5.4	.1	.1	3.0	-	-
284	Soap and detergents, cleaning preparations, perfumes, cosmetics, and other toilet preparations.....	136	100.0	15.4	84.4	-	-	-	.2	-	-
285	Paints, varnishes, lacquers, enamels, and allied products.....	17	100.0	10.3	78.5	11.2	-	-	-	-	-
2851	Paints, varnishes, lacquers, enamels, and allied products.....	17	100.0	10.3	78.5	11.2	-	-	-	-	-
289	Miscellaneous chemical products.....	44	100.0	34.7	37.8	25.7	-	-	1.8	-	-
2899	Chemical products, n.e.c.....	38	100.0	41.1	41.9	15.0	-	-	2.0	-	-
29	Petroleum and coal products.....	865	100.0	24.9	27.2	12.6	-	35.1	-	.2	-
291	Products of petroleum refining.....	738	100.0	18.8	26.2	13.7	-	41.3	-	-	-
2911	Products of petroleum refining (except liquefied petroleum gases and petroleum coke and breeze).....	724	100.0	17.6	26.7	13.7	-	42.0	-	-	-
295	Paving and roofing materials.....	97	100.0	48.8	42.1	7.6	.1	-	-	1.4	-
30	Rubber and miscellaneous plastics products.....	332	100.0	15.3	76.4	5.0	.5	1.0	.7	1.1	-
306	Miscellaneous fabricated rubber products.....	82	100.0	14.5	70.5	8.0	2.1	-	.6	4.3	-
3061	Miscellaneous fabricated rubber products.....	82	100.0	14.5	70.5	8.0	2.1	-	.6	4.3	-
307	Miscellaneous plastic products.....	174	100.0	7.1	85.4	5.6	.1	1.7	.1	-	-
3071	Miscellaneous plastic products.....	174	100.0	7.1	85.4	5.6	.1	1.7	.1	-	-
32	Stone, clay, and glass products.....	1,215	100.0	57.6	29.2	10.9	-	2.2	.1	-	-
322	Glass and glassware, pressed and blown	263	100.0	24.2	67.5	8.0	-	-	.3	-	-
3221	Glass containers, caps and covers.....	237	100.0	26.3	66.7	7.0	-	-	-	-	-
33	Primary metal products.....	3,919	100.0	56.3	28.2	5.2	-	10.3	-	-	-
331	Steel works and rolling mill products.	3,269	100.0	57.0	26.3	4.3	-	12.4	-	-	-
3312	Primary iron and steel products (except coke-oven products).....	3,180	100.0	57.9	25.2	4.2	-	12.7	-	-	-
332	Iron and steel castings.....	114	100.0	23.5	47.9	28.6	-	-	-	-	-
3321	Iron and steel castings.....	114	100.0	23.5	47.9	28.6	-	-	-	-	-

See footnote at end of table.

TABLE 1. Percent Distribution of Commodities, by Means of Transport: 1967--Continued

TCC code	Commodity	Number	Percent distribution by means of transport								Sampling variability code ¹
			All means of transport	Rail	Motor carrier	Private truck	Air	Water	Other	Unknown	
	TON-MILES OF SHIPMENTS--Continued	(millions of ton-miles)									
333	Nonferrous metals primary smelter products (slab, ingot, pig, etc., and residues).....	73	100.0	46.2	32.1	21.7	-	-	-	-	-
335	Nonferrous metal basic shapes.....	383	100.0	62.3	34.1	3.4	-	0.1	0.1	-	-
3357	Nonferrous wire (including insulated wire).....	74	100.0	6.7	77.8	14.7	0.1	.5	.2	-	-
339	Miscellaneous primary metal products..	50	100.0	54.6	41.1	4.3	-	-	-	-	-
34	Fabricated metal products.....	431	100.0	37.7	47.0	14.2	.3	-	.6	0.2	-
344	Structural and miscellaneous metal products.....	68	100.0	41.1	44.9	13.8	.1	-	.1	-	-
346	Metal stampings.....	135	100.0	64.8	33.7	.8	.1	.1	.2	.3	-
3461	Metal stampings.....	135	100.0	64.8	33.7	.8	.1	.1	.2	.3	-
349	Miscellaneous fabricated metal products.....	38	100.0	13.4	81.3	.4	-	-	4.9	-	-
3499	Fabricated metal products, n.e.c.....	30	100.0	12.4	84.8	.2	-	-	2.6	-	-
35	Machinery, except electrical.....	565	100.0	33.3	51.3	11.9	.4	1.3	1.4	.4	-
352	Farm machinery and equipment.....	124	100.0	25.7	34.4	35.4	-	-	3.6	.9	-
3522	Farm machinery and equipment.....	124	100.0	25.7	34.4	35.4	-	-	3.6	.9	-
354	Metalworking machinery and equipment..	23	100.0	49.1	47.1	.8	2.8	-	.2	-	-
3544	Special dies and tools, die sets, jigs, fixtures, and industrial molds and patterns.....	4	100.0	-	81.9	3.0	14.5	-	.6	-	-
356	General industrial machinery and equipment.....	132	100.0	21.3	69.9	6.5	.8	-	.5	1.0	-
3566	Mechanical power transmission equipment, except ball and roller bearings	67	100.0	21.2	68.9	8.8	.6	-	.5	-	-
358	Service industry machines.....	89	100.0	48.9	36.7	11.7	.1	-	2.6	-	-
3585	Refrigerators and refrigeration machinery (except household), and complete air conditioning units.....	89	100.0	49.0	36.8	11.5	.1	-	2.6	-	-
359	Miscellaneous machinery and parts (except electrical).....	5	100.0	25.9	68.6	.9	1.5	-	2.4	.7	-
3599	Miscellaneous machinery and parts (except electrical).....	5	100.0	25.9	68.6	.9	1.5	-	2.4	.7	-
36	Electrical machinery and equipment....	656	100.0	45.3	43.3	9.8	.9	-	.7	-	-
361	Electrical transmission and distribution equipment.....	35	100.0	63.9	19.9	14.6	.7	-	.9	-	-
3612	Power, distribution, and specialty transformers.....	34	100.0	65.6	18.5	15.0	.4	-	.5	-	-
362	Electrical industrial apparatus.....	41	100.0	-	54.9	42.2	.6	.1	2.2	-	-
3621	Motors and generators.....	39	100.0	-	53.6	43.4	.6	.1	2.3	-	-
363	Household appliances.....	203	100.0	82.6	10.6	6.7	-	-	-	.1	-
365	Radio and television receiving sets (except communication types), phonographs, and phonograph records.....	105	100.0	44.3	49.5	2.5	1.9	-	1.8	-	-
3679	Miscellaneous electronic components and accessories.....	5	100.0	18.4	38.3	17.3	20.3	.1	5.6	-	-
37	Transportation equipment.....	1,054	100.0	63.5	28.4	3.4	.5	4.0	.1	.1	-
371	Motor vehicles and motor vehicle equipment.....	874	100.0	65.5	29.1	-	.5	4.8	-	.1	-
3714	Motor vehicle parts and accessories...	443	100.0	68.2	30.8	-	1.0	-	-	-	-
374	Railroad equipment.....	89	100.0	91.2	8.6	.2	-	-	-	-	-
3742	Railroad and street cars.....	89	100.0	91.2	8.6	.2	-	-	-	-	-

¹Code letter indicates a sampling variability range as follows: a, 0-9 percent; b, 10-19 percent; c, 20-29 percent; and d, 30-50 percent. The variability for ton-miles has not been estimated.

TABLE 2. Percent Distribution of Commodities, by Distance of Shipment: 1967

TCC code	Commodity	Number	Percent distribution by distance of shipment								Sampling variability code ¹
			All distances	Under 100 miles	100 to 199 miles	200 to 299 miles	300 to 499 miles	500 to 999 miles	1,000 to 1,499 miles	1,500 miles or over	
	TONS OF SHIPMENTS	(thousands of tons)									
	Indiana, total.....	58,214	100.0	39.5	23.7	14.6	10.2	9.9	0.4	1.7	-
20	Food and kindred products.....	7,498	100.0	32.6	24.9	13.7	13.2	14.1	.3	1.2	d
201	Meat, poultry, and small game; fresh, chilled or frozen.....	161	100.0	55.2	25.0	6.2	4.2	7.9	.1	1.4	d
204	Grain mill products.....	2,049	100.0	44.8	18.8	4.7	11.6	17.5	.5	2.1	d
208	Beverages and flavoring extracts.....	914	100.0	16.8	33.9	14.2	11.7	18.7	1.0	3.7	c
251	Household and office furniture.....	392	100.0	30.0	22.4	16.3	12.2	14.0	1.1	4.0	d
2511	Chairs, rockers, benches, and stools..	13	100.0	5.0	7.2	7.3	36.8	17.9	2.3	23.5	d
26	Pulp, paper, and allied products.....	1,176	100.0	31.1	29.6	12.3	8.5	15.5	.8	2.2	d
264	Converted paper and paperboard products (except containers and boxes)...	343	100.0	7.3	36.1	15.4	10.6	22.1	2.3	6.2	d
28	Chemicals and allied products.....	3,347	100.0	34.8	17.6	13.9	18.7	12.2	-	2.8	c
282	Plastic materials and plasticizers, synthetic resins, rubbers, and fibers.....	84	100.0	30.6	5.7	4.9	31.8	25.9	-	1.1	d
2821	Plastic materials and plasticizers, synthetic resins, rubbers, and fibers.....	84	100.0	30.6	5.7	4.9	31.8	25.9	-	1.1	d
283	Drugs (biological products, medicinal chemicals, botanical products, and pharmaceutical preparations).....	60	100.0	52.9	5.4	2.4	8.4	15.2	.2	15.5	d
2831	Drugs (biological products, medicinal chemicals, botanical products, and pharmaceutical preparations).....	60	100.0	52.9	5.4	2.4	8.4	15.2	.2	15.5	d
284	Soap and detergents, cleaning preparations, perfumes, cosmetics, and other toilet preparations.....	301	100.0	2.4	14.9	23.5	23.4	33.3	.1	2.4	b
285	Paints, varnishes, lacquers, enamels, and allied products.....	71	100.0	29.2	33.9	15.8	11.5	7.1	-	2.5	c
2851	Paints, varnishes, lacquers, enamels, and allied products.....	71	100.0	29.2	33.9	15.8	11.5	7.1	-	2.5	c
289	Miscellaneous chemical products.....	234	100.0	22.6	34.7	34.6	2.0	6.0	.1	-	d
2899	Chemical products, n.e.c.....	172	100.0	18.8	23.3	46.9	2.7	8.2	.1	-	d
29	Petroleum and coal products.....	10,162	100.0	70.1	21.0	5.9	2.1	.9	-	-	c
291	Products of petroleum refining.....	9,399	100.0	72.6	20.3	4.8	1.6	.7	-	-	c
2911	Products of petroleum refining (except liquefied petroleum gases and petroleum coke and breeze).....	9,339	100.0	72.8	20.2	4.9	1.6	.5	-	-	c
295	Paving and roofing materials.....	646	100.0	45.2	27.8	16.5	5.7	4.7	-	.1	c
30	Rubber and miscellaneous plastics products.....	733	100.0	9.8	23.2	15.9	17.2	28.4	.8	4.7	c
306	Miscellaneous fabricated rubber products.....	235	100.0	17.9	27.3	20.4	11.0	18.9	.2	4.3	c
3061	Miscellaneous fabricated rubber products.....	235	100.0	17.9	27.3	20.4	11.0	18.9	.2	4.3	c
307	Miscellaneous plastic products.....	345	100.0	6.8	22.5	14.5	18.9	31.4	1.0	4.9	c
3071	Miscellaneous plastic products.....	345	100.0	6.8	22.5	14.5	18.9	31.4	1.0	4.9	c
32	Stone, clay, and glass products.....	7,466	100.0	42.9	26.9	18.3	7.0	4.3	.3	.3	c
322	Glass and glassware, pressed and blown	1,076	100.0	12.4	54.4	16.9	5.6	8.2	1.4	1.1	c
3221	Glass containers, caps and covers.....	1,030	100.0	12.7	56.4	17.3	4.3	7.2	1.4	.7	c
33	Primary metal products.....	17,855	100.0	37.7	24.1	17.0	10.1	9.5	.2	2.4	c
331	Steel works and rolling mill products.	15,809	100.0	39.9	23.9	16.3	9.8	8.8	.2	1.1	c
3312	Primary iron and steel products (except coke-oven products).....	14,615	100.0	36.5	25.3	17.1	10.3	9.1	.2	1.2	c
332	Iron and steel castings.....	689	100.0	27.8	36.6	29.8	4.0	1.7	.1	-	c
3321	Iron and steel castings.....	689	100.0	27.8	36.6	29.8	4.0	1.7	.1	-	c

See footnote at end of table.

TABLE 2. Percent Distribution of Commodities, by Distance of Shipment: 1967--Continued

TCC code	Commodity	Number	Percent distribution by distance of shipment								Sampling variability code ¹
			All distances	Under 100 miles	100 to 199 miles	200 to 299 miles	300 to 499 miles	500 to 999 miles	1,000 to 1,499 miles	1,500 miles or over	
	TONS OF SHIPMENTS--Continued	(thousands of tons)									
333	Nonferrous metals primary smelter products (slab, ingot, pig, etc., and residues).....	323	100.0	37.4	20.8	18.4	10.5	12.9	-	-	d
335	Nonferrous metal basic shapes.....	697	100.0	6.0	20.2	16.5	14.6	31.5	0.3	10.9	b
3357	Nonferrous wire (including insulated wire).....	237	100.0	12.8	42.7	6.9	20.9	13.7	.7	2.3	d
339	Miscellaneous primary metal products...	225	100.0	26.9	26.1	14.7	24.8	7.4	-	.1	c
34	Fabricated metal products.....	1,413	100.0	22.8	32.2	16.1	11.5	13.3	.9	3.2	b
344	Structural and miscellaneous metal products.....	343	100.0	34.4	39.7	7.5	9.3	7.9	.2	1.0	d
346	Metal stampings.....	308	100.0	5.8	42.0	19.3	5.7	15.4	3.0	8.8	d
3461	Metal stampings.....	308	100.0	5.8	42.0	19.3	5.7	15.4	3.0	8.8	d
349	Miscellaneous fabricated metal products.....	100	100.0	23.9	14.4	25.1	10.8	22.0	-	3.8	d
3499	Fabricated metal products, n.e.c.....	56	100.0	8.1	10.9	35.0	6.6	32.7	-	6.7	d
35	Machinery, except electrical.....	1,168	100.0	11.0	14.5	15.8	19.5	31.5	1.5	6.2	b
352	Farm machinery and equipment.....	279	100.0	3.4	16.5	12.3	23.2	42.2	2.0	.4	d
3522	Farm machinery and equipment.....	279	100.0	3.4	16.5	12.3	23.2	42.2	2.0	.4	d
354	Metalworking machinery and equipment...	64	100.0	17.3	18.5	24.0	17.0	17.3	1.2	4.7	b
3544	Special dies and tools, die sets, jigs, fixtures, and industrial molds and patterns.....	13	100.0	20.2	25.2	12.0	24.3	15.3	.2	2.8	d
356	General industrial machinery and equipment.....	289	100.0	20.7	18.9	10.1	16.3	25.1	.7	8.2	c
3566	Mechanical power transmission equipment, except ball and roller bearings.	126	100.0	3.7	23.1	17.3	17.4	27.6	1.0	9.9	b
358	Service industry machines.....	183	100.0	13.8	8.9	20.4	15.2	33.8	1.5	6.4	c
3585	Refrigerators and refrigeration machinery (except household), and complete air conditioning units.....	181	100.0	12.7	9.0	20.7	15.4	34.2	1.5	6.5	c
359	Miscellaneous machinery and parts (except electrical).....	21	100.0	8.1	40.5	28.6	8.1	13.3	.3	1.1	c
3599	Miscellaneous machinery and parts (except electrical).....	21	100.0	8.1	40.5	28.6	8.1	13.3	.3	1.1	c
36	Electrical machinery and equipment.....	1,457	100.0	6.7	13.4	31.1	23.7	15.7	2.5	6.9	c
361	Electrical transmission and distribution equipment.....	62	100.0	8.8	10.8	13.8	22.1	32.2	2.3	10.0	b
3612	Power, distribution, and specialty transformers.....	60	100.0	8.9	10.7	13.8	22.5	31.4	2.4	10.3	b
362	Electrical industrial apparatus.....	114	100.0	14.1	19.1	26.4	13.4	24.0	.6	2.4	b
3621	Motors and generators.....	110	100.0	14.2	19.1	27.3	12.0	24.4	.6	2.4	b
363	Household appliances.....	303	100.0	5.1	7.9	13.9	28.6	23.0	7.5	14.0	c
365	Radio and television receiving sets (except communication types), phonographs, and phonograph records.....	191	100.0	13.1	10.8	19.2	13.6	30.5	3.6	9.2	a
3679	Miscellaneous electronic components and accessories.....	20	100.0	31.4	41.3	2.7	13.7	7.9	1.8	1.2	d
37	Transportation equipment.....	2,244	100.0	11.0	23.0	22.4	11.9	21.3	1.3	9.1	a
371	Motor vehicles and motor vehicle equipment.....	1,810	100.0	8.7	25.3	24.3	8.3	22.5	1.4	9.5	a
3714	Motor vehicle parts and accessories....	1,289	100.0	11.8	31.4	31.8	6.1	12.8	.4	5.7	b
374	Railroad equipment.....	211	100.0	33.6	2.3	8.1	32.6	11.7	.2	11.5	d
3742	Railroad and street cars.....	211	100.0	33.6	2.3	8.1	32.6	11.7	.2	11.5	d

See footnote at end of table.

TABLE 2. Percent Distribution of Commodities, by Distance of Shipment: 1967--Continued

TCC code	Commodity	Number	Percent distribution by distance of shipment								Sampling variability code ¹
			All distances	Under 100 miles	100 to 199 miles	200 to 299 miles	300 to 499 miles	500 to 999 miles	1,000 to 1,499 miles	1,500 miles or over	
	TON-MILES OF SHIPMENTS	(millions of ton-miles)									
	Indiana, total.....	13,341	100.0	7.3	15.0	15.3	17.7	28.8	1.9	14.0	-
20	Food and kindred products.....	1,943	100.0	7.7	13.4	13.3	20.5	35.1	1.3	8.7	-
201	Meat, poultry, and small game; fresh, chilled or frozen.....	28	100.0	21.1	18.9	8.5	8.4	28.9	.5	13.7	-
204	Grain mill products.....	550	100.0	8.9	9.7	4.2	17.7	43.4	2.0	14.1	-
208	Beverages and flavoring extracts.....	305	100.0	3.1	13.7	10.1	13.6	34.9	3.3	21.3	-
251	Household and office furniture.....	124	100.0	3.6	10.9	12.3	14.5	32.2	3.9	22.6	-
2511	Chairs, rockers, benches, and stools...	10	100.0	.3	1.4	2.5	20.7	16.5	3.4	55.2	-
26	Pulp, paper, and allied products.....	324	100.0	6.0	16.0	10.5	12.2	37.6	3.1	14.6	-
264	Converted paper and paperboard products (except containers and boxes).....	149	100.0	1.0	12.7	8.9	10.2	34.5	5.9	26.8	-
28	Chemicals and allied products.....	977	100.0	4.5	8.6	11.0	26.5	32.4	.1	16.9	-
282	Plastic materials and plasticizers, synthetic resins, rubbers, and fibers.....	29	100.0	4.3	2.3	3.6	37.2	47.1	-	5.5	-
2821	Plastic materials and plasticizers, synthetic resins, rubbers, and fibers.....	29	100.0	4.3	2.3	3.6	37.2	47.1	-	5.5	-
283	Drugs, (biological products, medicinal chemicals, botanical products, and pharmaceutical preparations).....	28	100.0	6.6	1.7	1.2	8.0	21.9	.6	60.0	-
2831	Drugs (biological products, medicinal chemicals, botanical products, and pharmaceutical preparations).....	28	100.0	6.6	1.7	1.2	8.0	21.9	.6	60.0	-
284	Soap and detergents, cleaning preparations, perfumes, cosmetics, and other toilet preparations.....	136	100.0	.4	4.8	12.3	19.4	53.2	.2	9.7	-
285	Paints, varnishes, lacquers, enamels, and allied products.....	17	100.0	5.6	21.1	15.8	18.4	19.9	-	19.2	-
2851	Paints, varnishes, lacquers, enamels, and allied products.....	17	100.0	5.6	21.1	15.8	18.4	19.9	-	19.2	-
289	Miscellaneous chemical products.....	44	100.0	5.9	25.2	44.0	4.2	20.1	.4	.2	-
2899	Chemical products, n.e.c.....	38	100.0	3.4	15.4	51.8	4.9	23.8	.5	.2	-
29	Petroleum and coal products.....	865	100.0	28.7	37.0	17.5	9.8	6.8	-	.2	-
291	Products of petroleum refining.....	738	100.0	31.9	38.9	16.0	8.0	5.2	-	-	-
2911	Products of petroleum refining (except liquefied petroleum gases and petroleum coke and breeze).....	724	100.0	32.4	39.3	16.3	8.2	3.8	-	-	-
295	Paving and roofing materials.....	97	100.0	13.0	25.1	25.6	14.1	20.7	-	1.5	-
30	Rubber and miscellaneous plastics products.....	332	100.0	1.4	7.5	8.9	16.1	44.4	2.1	19.6	-
306	Miscellaneous fabricated rubber products.....	82	100.0	3.2	11.5	14.0	13.3	34.1	.8	23.1	-
3061	Miscellaneous fabricated rubber products.....	82	100.0	3.2	11.5	14.0	13.3	34.1	.8	23.1	-
307	Miscellaneous plastic products.....	174	100.0	1.0	6.5	7.7	15.7	48.2	2.5	18.4	-
3071	Miscellaneous plastic products.....	174	100.0	1.0	6.5	7.7	15.7	48.2	2.5	18.4	-
32	Stone, clay, and glass products.....	1,215	100.0	12.8	23.9	25.9	15.1	16.9	2.0	3.4	-
322	Glass and glassware, pressed and blown.	263	100.0	3.9	34.2	16.3	8.9	22.8	6.0	7.9	-
3221	Glass containers, caps and covers.....	237	100.0	4.3	37.4	17.7	7.1	21.4	6.3	5.8	-
33	Primary metal products.....	3,919	100.0	6.2	15.3	18.4	18.4	29.3	1.0	11.4	-
331	Steel works and rolling mill products..	3,269	100.0	6.7	16.1	18.7	19.1	29.0	1.1	9.3	-
3312	Primary iron and steel products (except coke-oven products).....	3,180	100.0	6.1	16.2	18.7	19.0	29.3	1.1	9.6	-
332	Iron and steel castings.....	114	100.0	11.8	30.7	41.5	9.2	5.8	.6	.4	-
3321	Iron and steel castings.....	114	100.0	11.8	30.7	41.5	9.2	5.8	.6	.4	-

See footnote at end of table.

TABLE 2. Percent Distribution of Commodities, by Distance of Shipment: 1967--Continued

TCC code	Commodity	Number	Percent distribution by distance of shipment								Sampling variability code ¹
			All distances	Under 100 miles	100 to 199 miles	200 to 299 miles	300 to 499 miles	500 to 999 miles	1,000 to 1,499 miles	1,500 miles or over	
	TON-MILES OF SHIPMENTS--Continued	(millions of ton-miles)									
333	Nonferrous metals primary smelter products (slab, ingot, pig, etc., and residues).....	73	100.0	7.0	12.8	19.9	17.8	42.5	-	-	-
335	Nonferrous metal basic shapes.....	383	100.0	.6	5.4	7.4	11.3	38.2	0.5	36.6	-
3357	Nonferrous wire (including insulated wire).....	74	100.0	2.1	19.6	5.5	28.4	27.1	2.4	14.9	-
339	Miscellaneous primary metal products..	50	100.0	6.0	16.9	15.4	39.7	21.2	-	.8	-
34	Fabricated metal products.....	431	100.0	3.7	15.6	12.8	15.0	29.5	3.7	19.7	-
344	Structural and miscellaneous metal products.....	68	100.0	7.4	28.1	9.5	18.6	26.7	1.4	8.3	-
346	Metal stampings.....	135	100.0	1.0	14.1	11.0	6.0	23.6	8.3	36.0	-
3461	Metal stampings.....	135	100.0	1.0	14.1	11.0	6.0	23.6	8.3	36.0	-
349	Miscellaneous fabricated metal products.....	38	100.0	3.1	5.7	15.1	11.2	36.3	-	28.6	-
3499	Fabricated metal products, n.e.c.....	30	100.0	1.1	3.3	15.0	5.0	39.2	-	36.4	-
35	Machinery, except electrical.....	565	100.0	1.1	4.5	7.9	16.1	42.7	3.8	23.9	-
352	Farm machinery and equipment.....	124	100.0	.3	5.8	6.3	22.2	57.7	5.8	1.9	-
3522	Farm machinery and equipment.....	124	100.0	.3	5.8	6.3	22.2	57.7	5.8	1.9	-
354	Metalworking machinery and equipment..	23	100.0	2.2	7.8	15.1	19.2	28.1	4.1	23.5	-
3544	Special dies and tools, die sets, jigs, fixtures, and industrial molds and patterns.....	4	100.0	4.1	10.4	9.9	30.9	27.4	.6	16.7	-
356	General industrial machinery and equipment.....	132	100.0	2.4	6.2	5.3	14.6	36.5	1.9	33.1	-
3566	Mechanical power transmission equipment, except ball and roller bearings	67	100.0	.3	6.5	7.7	13.5	35.6	2.3	34.1	-
358	Service industry machines.....	89	100.0	.8	3.0	10.5	12.8	46.4	3.2	23.3	-
3585	Refrigerators and refrigeration machinery (except household), and complete air conditioning units.....	89	100.0	.6	3.0	10.5	12.8	46.6	3.2	23.3	-
359	Miscellaneous machinery and parts (except electrical).....	5	100.0	1.7	21.9	26.1	12.3	28.9	1.4	7.7	-
3599	Miscellaneous machinery and parts (except electrical).....	5	100.0	1.7	21.9	26.1	12.3	28.9	1.4	7.7	-
36	Electrical machinery and equipment....	656	100.0	.9	4.6	16.0	20.8	22.8	6.9	28.0	-
361	Electrical transmission and distribution equipment.....	35	100.0	.7	2.7	6.1	16.5	35.7	5.0	33.3	-
3612	Power, distribution, and specialty transformers.....	34	100.0	.7	2.7	6.1	16.7	34.7	5.1	34.0	-
362	Electrical industrial apparatus.....	41	100.0	3.2	7.6	16.5	15.9	42.7	1.7	12.4	-
3621	Motors and generators.....	39	100.0	3.2	7.6	17.0	14.4	43.4	1.7	12.7	-
363	Household appliances.....	203	100.0	.5	1.8	5.1	17.5	23.3	14.1	37.7	-
365	Radio and television receiving sets (except communication types), phonographs, and phonograph records.....	105	100.0	1.3	3.3	8.6	10.7	37.5	8.5	30.1	-
3679	Miscellaneous electronic components and accessories.....	5	100.0	7.1	24.8	2.9	23.8	21.1	11.0	9.3	-
37	Transportation equipment.....	1,054	100.0	.9	7.2	11.3	10.5	29.0	3.4	37.7	-
371	Motor vehicles and motor vehicle equipment.....	874	100.0	.8	7.7	11.8	7.5	29.8	3.6	38.8	-
3714	Motor vehicle parts and accessories...	443	100.0	1.5	13.4	21.6	8.0	22.7	1.4	31.4	-
374	Railroad equipment.....	89	100.0	1.8	.8	4.9	27.4	16.5	.6	48.0	-
3742	Railroad and street cars.....	89	100.0	1.8	.8	4.9	27.4	16.5	.6	48.0	-

¹Code letter indicates a sampling variability range as follows: a, 0-9 percent; b, 10-19 percent; c, 20-29 percent; and d, 30-50 percent. The variability for ton-miles has not been estimated.

TABLE 3. Percent Distribution of Commodities, by Geographic Division of Destination: 1967

TCC code	Commodity	Number	Percent distribution by geographic division ¹ of destination										Sampling variability code ³
			All means of transport	New England	Middle Atlantic	East North Central	West North Central	South Atlantic	East South Central	West South Central	Mountain	Pacific ²	
	TONS OF SHIPMENTS	(thous. of tons)											
	Indiana, total.....	58,214	100.0	0.9	4.4	72.4	7.5	3.7	6.3	2.4	0.7	1.7	-
20	Food and kindred products.....	7,498	100.0	1.9	10.1	62.9	2.3	7.9	11.3	2.1	.3	1.2	d
201	Meat, poultry, and small game; fresh, chilled or frozen.....	161	100.0	1.7	8.3	77.4	-	1.2	10.1	-	-	1.3	d
204	Grain mill products.....	2,049	100.0	3.2	11.7	63.7	2.5	9.0	6.4	1.2	.2	2.1	d
208	Beverages and flavoring extracts.....	914	100.0	2.3	11.0	49.6	2.5	10.3	18.1	1.6	1.0	3.6	c
251	Household and office furniture.....	392	100.0	4.7	4.6	71.3	4.6	2.8	4.5	2.9	.8	3.8	d
2511	Chairs, rockers, benches, and stools...	13	100.0	1.7	10.4	33.1	17.6	6.8	4.4	2.2	.6	23.2	d
26	Pulp, paper, and allied products.....	1,176	100.0	1.3	8.3	66.2	7.5	4.4	5.9	3.9	.3	2.2	d
264	Converted paper and paperboard products (except containers and boxes)....	343	100.0	1.6	10.3	46.1	13.1	11.7	6.7	3.6	.7	6.2	d
28	Chemicals and allied products.....	3,347	100.0	.7	1.6	60.5	17.2	3.0	7.3	1.7	5.3	2.7	c
282	Plastic materials and plasticizers, synthetic resins, rubbers, and fibers.....	84	100.0	5.0	16.0	44.4	24.5	6.3	.3	2.2	.2	1.1	d
2821	Plastic materials and plasticizers, synthetic resins, rubbers, and fibers.....	84	100.0	5.0	16.0	44.4	24.5	6.3	.3	2.2	.2	1.1	d
283	Drugs (biological products, medicinal chemicals, botanical products, and pharmaceutical preparations).....	60	100.0	.7	6.4	59.9	7.9	2.3	1.1	5.9	1.8	14.0	d
2831	Drugs (biological products, medicinal chemicals, botanical products, and pharmaceutical preparations).....	60	100.0	.7	6.4	59.8	7.9	2.3	1.1	5.9	1.8	14.1	d
284	Soap and detergents, cleaning preparations, perfumes, cosmetics, and other toilet preparations.....	301	100.0	1.6	4.4	31.1	15.2	20.6	12.8	9.8	2.2	2.3	b
285	Paints, varnishes, lacquers, enamels, and allied products.....	71	100.0	-	5.8	73.4	8.0	5.6	.1	4.5	.1	2.5	c
2851	Paints, varnishes, lacquers, enamels, and allied products.....	71	100.0	-	5.8	73.4	8.0	5.6	.1	4.5	.1	2.5	c
289	Miscellaneous chemical products.....	234	100.0	.7	3.3	85.4	2.8	1.0	5.2	1.6	-	-	d
2899	Chemical products, n.e.c.....	172	100.0	1.0	4.5	83.1	3.9	1.3	4.0	2.2	-	-	d
29	Petroleum and coal products.....	10,162	100.0	-	.4	95.3	2.0	.7	1.6	-	-	-	c
291	Products of petroleum refining.....	9,399	100.0	-	.3	96.2	1.6	.5	1.4	-	-	-	c
2911	Products of petroleum refining (except liquefied petroleum gases and petroleum coke and breeze).....	9,339	100.0	-	-	96.4	1.6	.5	1.5	-	-	-	c
295	Paving and roofing materials.....	646	100.0	.3	2.5	83.4	6.2	1.8	5.2	.5	-	.1	c
30	Rubber and miscellaneous plastics products.....	733	100.0	4.2	9.4	48.0	7.8	9.1	7.3	4.8	1.7	4.7	c
306	Miscellaneous fabricated rubber products.....	235	100.0	1.2	7.0	58.9	4.9	12.2	9.1	2.1	.3	4.3	d
3061	Miscellaneous fabricated rubber products.....	235	100.0	1.2	7.0	58.9	4.9	12.2	9.1	2.1	.3	4.3	d
307	Miscellaneous plastic products.....	345	100.0	5.7	9.7	47.0	7.5	5.2	5.8	5.0	9.3	4.8	d
3071	Miscellaneous plastic products.....	345	100.0	5.7	9.7	47.0	7.5	5.2	5.8	5.0	9.3	4.8	d
32	Stone, clay, and glass products.....	7,466	100.0	.2	2.1	79.5	4.9	2.2	9.6	.3	.3	.3	c
322	Glass and glassware, pressed and blown.....	1,076	100.0	.5	4.3	72.1	4.5	1.4	11.4	3.2	1.5	1.1	c
3221	Glass containers, caps and covers.....	1,030	100.0	.5	3.5	74.1	4.4	1.2	11.6	2.6	1.4	.7	c
33	Primary metal products.....	17,855	100.0	.6	3.2	74.1	10.8	1.9	4.5	3.3	.3	1.3	c
331	Steel works and rolling mill products..	15,809	100.0	.2	2.7	74.8	11.4	1.7	4.7	3.3	.2	1.0	c
3312	Primary iron and steel products (except coke-oven products).....	14,615	100.0	.2	2.8	73.5	12.1	1.7	4.6	3.4	.3	1.1	c
332	Iron and steel castings.....	689	100.0	-	1.8	93.3	1.4	1.8	1.5	.1	.1	-	c
3321	Iron and steel castings.....	689	100.0	-	1.8	93.3	1.4	1.8	1.5	.1	.1	-	c

See footnotes at end of table.

TABLE 3. Percent Distribution of Commodities, by Geographic Division of Destination: 1967--Continued

TCC code	Commodity	Number	Percent distribution by geographic division ¹ of destination										Sampling variability code ³
			All means of transport	New England	Middle Atlantic	East North Central	West North Central	South Atlantic	East South Central	West South Central	Mountain	Pacific ²	
	TONS OF SHIPMENTS--Continued	(thous. of tons)											
333	Nonferrous metals primary smelter products (slab, ingot, pig, etc., and residues).....	323	100.0	0.5	4.3	77.5	5.7	2.1	0.6	9.3	-	-	d
335	Nonferrous metal basic shapes.....	697	100.0	10.9	16.0	38.5	5.2	7.3	6.1	4.7	0.8	10.5	b
3357	Nonferrous wire (including insulated wire).....	237	100.0	2.3	14.1	60.4	4.4	9.4	3.0	3.7	.5	2.2	d
339	Miscellaneous primary metal products..	225	100.0	.9	3.3	62.9	24.6	3.7	3.1	1.4	-	.1	c
34	Fabricated metal products.....	1,413	100.0	.8	5.2	60.8	12.2	3.7	9.2	4.3	.7	3.1	b
344	Structural and miscellaneous metal products.....	343	100.0	.1	4.4	75.3	10.4	2.3	3.9	1.9	.7	1.0	d
346	Metal stampings.....	308	100.0	.1	5.1	63.2	6.3	4.6	2.5	8.2	1.2	8.8	d
3461	Metal stampings.....	308	100.0	.1	5.1	63.2	6.3	4.6	2.5	8.2	1.2	8.8	d
349	Miscellaneous fabricated metal products.....	100	100.0	3.0	7.6	53.2	20.4	8.8	2.9	.3	-	3.8	d
3499	Fabricated metal products, n.e.c.....	56	100.0	5.3	5.2	41.8	21.8	15.1	3.6	.5	-	6.7	d
35	Machinery, except electrical.....	1,168	100.0	2.2	13.7	37.5	9.6	11.9	6.0	11.8	1.3	6.0	b
352	Farm machinery and equipment.....	279	100.0	.7	5.9	21.9	23.8	8.0	8.1	29.2	2.0	.4	d
3522	Farm machinery and equipment.....	279	100.0	.7	5.9	21.9	23.8	8.0	8.1	29.2	2.0	.4	d
354	Metalworking machinery and equipment..	64	100.0	1.0	19.3	57.3	3.4	8.3	4.2	.2	1.6	4.7	b
3544	Special dies and tools, die sets, jigs, fixtures, and industrial molds and patterns.....	13	100.0	.3	16.9	55.8	3.1	19.4	.7	1.0	-	2.8	d
356	General industrial machinery and equipment.....	289	100.0	2.1	14.4	48.3	6.6	13.3	1.7	4.7	1.3	7.6	c
3566	Mechanical power transmission equipment, except ball and roller bearings	126	100.0	3.3	17.4	42.4	9.6	9.3	2.1	5.1	1.0	9.8	b
358	Service industry machines.....	183	100.0	2.8	17.3	33.6	10.6	10.8	11.0	7.4	.1	6.4	c
3585	Refrigerators and refrigeration machinery (except household), and complete air conditioning units.....	181	100.0	2.8	17.3	33.0	10.7	10.9	11.2	7.5	.1	6.5	c
359	Miscellaneous machinery and parts (except electrical).....	21	100.0	.4	13.1	75.7	2.4	4.2	2.2	.9	-	1.1	c
3599	Miscellaneous machinery and parts (except electrical).....	21	100.0	.4	13.1	75.7	2.4	4.2	2.2	.9	-	1.1	c
36	Electrical machinery and equipment....	1,457	100.0	1.2	7.4	51.3	13.3	6.8	5.9	5.6	2.3	6.2	c
361	Electrical transmission and distribution equipment.....	62	100.0	4.1	21.8	25.9	5.7	18.1	8.3	5.0	1.4	9.7	b
3612	Power, distribution, and specialty transformers.....	60	100.0	4.2	22.3	25.8	5.8	17.2	8.3	5.0	1.4	10.0	b
362	Electrical industrial apparatus.....	114	100.0	1.9	18.0	58.2	4.3	3.4	3.2	8.3	.4	2.3	b
3621	Motors and generators.....	110	100.0	1.9	16.7	59.2	4.4	3.4	3.2	8.5	.4	2.3	b
363	Household appliances	303	100.0	.1	8.7	22.6	13.7	14.3	8.9	12.1	8.4	11.2	c
365	Radio and television receiving sets (except communication types), phonographs, and phonograph records.....	191	100.0	4.5	8.8	31.6	13.1	13.0	5.5	11.2	3.5	8.8	a
3679	Miscellaneous electronic components and accessories.....	20	100.0	4.2	3.2	75.7	.4	1.1	12.0	.5	1.7	1.2	d
37	Transportation equipment.....	2,244	100.0	1.8	9.8	51.7	6.5	11.1	5.2	3.6	1.4	8.9	a
371	Motor vehicles and motor vehicle equipment.....	1,810	100.0	1.7	8.2	53.7	6.2	12.5	2.5	4.2	1.7	9.3	a
3714	Motor vehicle parts and accessories...	1,289	100.0	1.2	4.2	69.7	6.7	9.8	.9	1.8	-	5.7	b
374	Railroad equipment.....	211	100.0	-	9.9	37.6	9.4	4.2	26.6	.6	.2	11.5	d
3742	Railroad and street cars.....	211	100.0	-	9.9	37.6	9.4	4.2	26.6	.6	.2	11.5	d

See footnotes at end of table.

TABLE 3. Percent Distribution of Commodities, by Geographic Division of Destination: 1967--Continued

TCC code	Commodity	Number	Percent distribution by geographic division ¹ of destination										Sampling variability code ³
			All means of transport	New England	Middle Atlantic	East North Central	West North Central	South Atlantic	East South Central	West South Central	Mountain	Pacific ²	
	TON-MILES OF SHIPMENTS	(millions of ton-miles)											
	Indiana, total.....	13,341	100.0	3.0	10.1	34.1	11.9	8.5	7.4	8.0	3.4	13.6	-
20	Food and kindred products.....	1,943	100.0	5.8	19.8	30.9	3.9	15.5	8.4	5.7	1.4	8.6	-
201	Meat, poultry, and small game; fresh, chilled or frozen.....	28	100.0	7.3	24.7	43.7	-	4.1	6.5	-	-	13.7	-
204	Grain mill products.....	550	100.0	9.3	24.5	22.1	4.4	17.8	3.8	3.0	1.0	14.1	-
208	Beverages and flavoring extracts.....	305	100.0	5.1	15.4	21.9	3.3	17.1	9.6	3.1	3.5	21.0	-
251	Household and office furniture.....	124	100.0	12.7	8.8	31.4	6.6	5.2	3.7	6.8	3.1	21.7	-
2511	Chairs, rockers, benches, and stools..	10	100.0	1.7	7.9	12.5	11.2	6.6	1.7	2.7	1.1	54.6	-
26	Pulp, paper, and allied products.....	324	100.0	3.6	16.2	28.6	9.8	9.7	5.2	11.1	1.2	14.6	-
264	Converted paper and paperboard products (except containers and boxes)...	149	100.0	2.7	13.5	16.9	10.1	16.4	5.4	6.4	1.8	26.8	-
28	Chemicals and allied products.....	977	100.0	1.9	2.8	21.8	20.1	6.1	9.7	4.2	16.8	16.6	-
282	Plastic materials and plasticizers, synthetic resins, rubbers, and fibers.....	29	100.0	12.8	25.8	13.4	29.6	9.4	.3	2.6	.7	5.4	-
2821	Plastic materials and plasticizers, synthetic resins, rubbers, and fibers.....	29	100.0	12.8	25.8	13.4	29.6	9.4	.3	2.6	.7	5.4	-
283	Drugs (biological products, medicinal chemicals, botanical products, and pharmaceutical preparations).....	28	100.0	1.0	8.1	9.3	7.8	2.5	.8	9.9	6.4	54.2	-
2831	Drugs (biological products, medicinal chemicals, botanical products, and pharmaceutical preparations).....	28	100.0	1.0	8.1	9.3	7.8	2.5	.8	9.9	6.4	54.2	-
284	Soap and detergents, cleaning preparations, perfumes, cosmetics, and other toilet preparations.....	136	100.0	2.9	4.0	13.9	11.3	29.7	9.4	14.7	4.9	9.2	-
285	Paints, varnishes, lacquers, enamels, and allied products.....	17	100.0	-	9.4	36.0	10.5	10.8	.1	13.7	.3	19.2	-
2851	Paints, varnishes, lacquers, enamels, and allied products.....	17	100.0	-	9.4	36.0	10.5	10.8	.1	13.7	.3	19.2	-
289	Miscellaneous chemical products.....	44	100.0	2.8	8.8	68.6	5.7	2.7	4.7	6.5	-	.2	-
2899	Chemical products, n.e.c.....	38	100.0	3.3	10.4	65.0	6.8	3.1	3.5	7.7	-	.2	-
29	Petroleum and coal products.....	865	100.0	.3	2.6	81.2	9.4	4.2	1.8	.3	-	.2	-
291	Products of petroleum refining.....	738	100.0	.2	1.7	85.1	8.0	3.6	1.4	-	-	-	-
2911	Products of petroleum refining (except liquefied petroleum gases and petroleum coke and breeze).....	724	100.0	.2	.2	86.4	8.1	3.6	1.5	-	-	-	-
295	Paving and roofing materials.....	97	100.0	1.5	10.1	58.0	15.0	6.8	4.7	2.4	-	1.5	-
30	Rubber and miscellaneous plastics products.....	332	100.0	7.8	12.0	19.7	7.5	10.6	5.1	7.7	10.2	19.4	-
306	Miscellaneous fabricated rubber products.....	82	100.0	2.5	10.8	26.2	5.6	17.7	8.8	4.4	1.1	22.9	-
3061	Miscellaneous fabricated rubber products.....	82	100.0	2.5	10.8	26.2	5.6	17.7	8.8	4.4	1.1	22.9	-
307	Miscellaneous plastic products.....	174	100.0	10.1	11.9	20.2	6.2	6.0	2.7	6.8	17.8	18.3	-
3071	Miscellaneous plastic products.....	174	100.0	10.1	11.9	20.2	6.2	6.0	2.7	6.8	17.8	18.3	-
32	Stone, clay, and glass products.....	1,215	100.0	.8	6.8	56.1	10.0	6.2	10.4	4.1	2.2	3.4	-
322	Glass and glassware, pressed and blown	263	100.0	1.5	8.9	46.6	5.7	3.1	9.8	10.4	6.1	7.0	-
3221	Glass containers, caps and covers.....	237	100.0	1.3	7.7	50.5	5.7	2.7	10.3	9.7	6.3	5.8	-
33	Primary metal products.....	3,919	100.0	2.1	7.5	35.1	17.6	4.8	8.8	11.8	1.4	10.9	-
331	Steel works and rolling mill products.	3,269	100.0	.8	6.5	35.8	19.7	4.5	9.8	12.6	1.4	8.9	-
3312	Primary iron and steel products (except coke-oven products).....	3,180	100.0	.8	6.4	35.3	19.9	4.5	9.9	12.6	1.5	9.1	-
332	Iron and steel castings.....	114	100.0	.1	5.5	83.2	2.9	4.5	2.5	.4	.5	.4	-
3321	Iron and steel castings.....	114	100.0	.1	5.5	83.2	2.9	4.5	2.5	.4	.5	.4	-

See footnotes at end of table.

TABLE 3. Percent Distribution of Commodities, by Geographic Division of Destination: 1967--Continued

TCC code	Commodity	Number	Percent distribution by geographic division ¹ of destination										Sampling variability code ³
			All means of transport	New England	Middle Atlantic	East North Central	West North Central	South Atlantic	East South Central	West South Central	Mountain	Pacific ²	
	TON-MILES OF SHIPMENTS--Continued	(millions of ton-miles)											
333	Nonferrous metals primary smelter products (slab, ingot, pig, etc., and residues).....	73	100.0	1.8	9.9	42.2	8.1	4.4	1.1	32.5	-	-	-
335	Nonferrous metal basic shapes.....	383	100.0	13.8	16.4	12.0	3.4	6.8	4.2	6.2	2.0	35.2	-
3357	Nonferrous wire (including insulated wire).....	74	100.0	5.3	21.2	25.4	6.9	13.2	3.6	7.9	1.8	14.7	-
339	Miscellaneous primary metal products..	50	100.0	2.7	7.9	33.1	37.6	6.2	6.4	5.2	.1	.8	-
34	Fabricated metal products.....	431	100.0	2.0	9.6	26.2	15.6	6.8	6.2	11.5	3.0	19.1	-
344	Structural and miscellaneous metal products.....	68	100.0	.2	11.4	37.5	19.5	5.5	6.0	8.4	3.2	8.3	-
346	Metal stampings.....	135	100.0	.1	7.5	24.4	5.9	6.2	1.0	15.2	3.5	36.2	-
3461	Metal stampings.....	135	100.0	.1	7.5	24.4	5.9	6.2	1.0	15.2	3.5	36.2	-
349	Miscellaneous fabricated metal products.....	38	100.0	6.0	10.5	17.8	23.6	10.6	2.4	.5	-	28.6	-
3499	Fabricated metal products, n.e.c.....	30	100.0	7.7	5.8	14.1	20.4	13.0	1.9	.6	-	36.5	-
35	Machinery, except electrical.....	565	100.0	3.5	15.0	12.8	8.8	13.8	3.4	15.5	3.7	23.5	-
352	Farm machinery and equipment.....	124	100.0	1.3	7.4	8.0	21.5	9.9	6.8	37.5	5.7	1.9	-
3522	Farm machinery and equipment.....	124	100.0	1.3	7.4	8.0	21.5	9.9	6.8	37.5	5.7	1.9	-
354	Metalworking machinery and equipment..	23	100.0	1.8	25.8	23.3	4.2	9.6	6.2	.4	5.2	23.5	-
3544	Special dies and tools, die sets, jigs, fixtures, and industrial molds and patterns.....	4	100.0	.6	25.9	23.4	5.2	25.1	.7	2.4	-	16.7	-
356	General industrial machinery and equipment.....	132	100.0	3.9	16.9	13.2	7.8	14.1	1.4	7.8	4.2	30.7	-
3566	Mechanical power transmission equipment, except ball and roller bearings	67	100.0	5.4	16.8	13.8	10.4	8.4	1.4	7.0	2.4	34.4	-
358	Service industry machines.....	89	100.0	4.0	22.0	10.4	10.4	14.9	5.9	8.9	.2	23.3	-
3585	Refrigerators and refrigeration machinery (except household), and complete air conditioning units.....	89	100.0	4.0	22.0	10.2	10.4	14.9	6.0	8.9	.2	23.4	-
359	Miscellaneous machinery and parts (except electrical).....	5	100.0	1.3	26.1	49.6	3.9	6.6	1.3	3.5	-	7.7	-
3599	Miscellaneous machinery and parts (except electrical).....	5	100.0	1.3	26.1	49.6	3.9	6.6	1.3	3.5	-	7.7	-
36	Electrical machinery and equipment....	656	100.0	2.1	9.1	23.8	11.6	8.0	3.6	8.9	7.3	25.6	-
361	Electrical transmission and distribution equipment.....	35	100.0	5.0	20.6	6.3	4.7	15.1	5.4	6.9	3.4	32.6	-
3612	Power, distribution, and specialty transformers.....	34	100.0	5.1	21.0	6.2	4.8	14.0	5.4	6.8	3.5	33.2	-
362	Electrical industrial apparatus.....	41	100.0	3.5	26.0	26.5	5.6	5.1	2.8	17.3	1.2	12.0	-
3621	Motors and generators.....	39	100.0	3.6	24.6	26.9	5.7	5.2	2.8	17.6	1.2	12.4	-
363	Household appliances.....	203	100.0	.1	7.6	7.3	8.5	11.9	3.1	12.6	17.9	31.0	-
365	Radio and television receiving sets (except communication types), phonographs, and phonograph records.....	105	100.0	6.8	8.9	9.9	8.6	11.5	1.2	15.5	8.7	28.9	-
3679	Miscellaneous electronic components and accessories.....	5	100.0	11.7	7.5	35.5	.8	2.6	20.4	1.6	10.6	9.3	-
37	Transportation equipment.....	1,054	100.0	2.9	10.9	17.2	5.1	12.5	4.1	6.6	3.7	37.0	-
371	Motor vehicles and motor vehicle equipment.....	874	100.0	2.6	9.0	18.0	4.7	13.8	2.1	7.5	4.1	38.2	-
3714	Motor vehicle parts and accessories...	443	100.0	2.6	7.4	32.9	6.3	14.2	.8	4.5	.1	31.2	-
374	Railroad equipment.....	89	100.0	-	11.4	3.7	7.6	5.3	22.2	1.2	.8	47.8	-
3742	Railroad and street cars.....	89	100.0	-	11.4	3.7	7.6	5.3	22.2	1.2	.8	47.8	-

¹For States included in the geographic divisions, see map on inside cover.²Shipments to Alaska and Hawaii from the 48 conterminous States and the District of Columbia are included; no data were obtained for shipments originating in Alaska and Hawaii.³Code letter indicates a sampling variability range as follows: a, 0-9 percent; b, 10-19 percent; c, 20-29 percent; and d, 30-50 percent. The variability for ton-miles has not been estimated.

MARYLAND

SUMMARY

The estimates of tons and ton-miles are based on reports from a sample of manufacturing establishments located in the State of Maryland. The total tons and ton-miles represent the total intercity shipments by essentially all manufacturing establishments in the State, except for plants with less than 20 employees. However, since the data are based on a sample, the estimates necessarily are subject to "sampling variability."

The approximate degree of sampling variability for tons for each commodity or commodity class is indicated in the last column of tables 1 to 3. In general, most of the commodity data in this report are subject to substantial sampling variability and should be treated as approximate rather than precise measures.

About 15.4 million tons of commodities were shipped by plants in this State to destinations

beyond the local area. These shipments generated 3.9 billion ton-miles by all means of transport combined, and averaged about 251 straight-line miles per ton shipped.

Table B indicates that 38 percent of the tons moved less than 100 miles and that mileage block accounts for 8 percent of the ton-miles.

Motor carrier is the dominant means of transport, accounting for 44 percent of the total tons. When measured in terms of ton-miles rather than tons, rail becomes the dominant means of transport, accounting for almost one-half the total ton-miles.

As shown in table C, about 43 percent of the total tons shipped by plants in Maryland remained in the South. However, for some commodity groups (such as Rubber and Miscellaneous Plastics Products) a countrywide distribution is indicated.

Table A. PERCENT DISTRIBUTION OF SHIPMENTS, AND AVERAGE LENGTH OF HAUL, BY MEANS OF TRANSPORT

Means of transport	Tons	Ton-miles	Average length of haul
	(thousands)	(millions)	(miles)
All commodities.....	15,445	3,878	(X)
ALL COMMODITIES		Percent distribution	
All means of transport.....	100.0	100.0	251
Rail.....	33.2	49.8	377
Motor carrier.....	44.0	34.3	196
Private truck.....	20.2	11.7	146
Air.....	-	.1	-
Water.....	2.5	3.6	-
All other.....	.1	.5	-

Note: Average length of haul is based on straight-line miles from plant to customer or primary redistribution point, weighted by tonnage shipped (i.e., ton-miles divided by tons). Rail short-line and highway direct-route distances average about 24 and 21 percent, respectively, longer than straight-line distances.

Table B. PERCENT DISTRIBUTION OF SHIPMENTS BY DISTANCE OF SHIPMENT

Distance shipped	Tons	Ton-miles
ALL COMMODITIES		
All distances.....	100.0	100.0
Under 100 miles.....	38.2	8.3
100 to 199 miles.....	25.6	15.0
200 to 299 miles.....	13.1	13.3
300 to 499 miles.....	11.3	17.3
500 to 999 miles.....	8.3	23.0
1,000 to 1,499 miles.....	1.9	8.7
1,500 miles and over.....	1.6	14.4

Table C. PERCENT DISTRIBUTION OF TONS OF COMMODITIES BY REGION OF DESTINATION

TCC code	Commodity class	Tons (thousands)	Percent distribution by region ¹ of destination				
			All destinations	North-east	North Central	South	West
	Total.....	² 15,445	100.0	45.4	9.6	43.4	1.6
20	Food and kindred products.....	2,462	100.0	43.0	10.7	46.1	.2
26	Pulp, paper, and allied products.....	609	100.0	48.3	20.7	24.9	6.1
28	Chemicals and allied products.....	2,227	100.0	43.6	15.7	39.1	1.6
30	Rubber and miscellaneous plastics products.....	143	100.0	20.6	32.5	35.4	11.5
32	Stone, clay, and glass products.....	3,384	100.0	22.4	4.8	72.2	.6
35	Machinery, except electrical.....	95	100.0	49.3	13.0	30.9	6.8
36	Electrical machinery and equipment.....	26	100.0	23.2	43.2	27.2	6.4

¹See map on inside cover for areas included in the regions of the United States.

²Total includes commodities not shown separately.

TABLE 1. Percent Distribution of Commodities, by Means of Transport: 1967

TCC code	Commodity	Number	Percent distribution by means of transport								Sampling variability code ¹
			All means of transport	Rail	Motor carrier	Private truck	Air	Water	Other	Unknown	
	TONS OF SHIPMENTS	(thousands of tons)									
	Maryland, total.....	15,445	100.0	33.2	44.0	20.2	-	2.5	0.1	-	-
20	Food and kindred products.....	2,462	100.0	16.2	49.0	34.0	-	.8	-	-	b
201	Meat, poultry, and small game; fresh, chilled or frozen.....	258	100.0	.7	45.3	53.8	-	-	-	0.2	c
208	Beverages and flavoring extracts.....	832	100.0	6.9	45.3	45.6	-	2.2	-	-	c
26	Pulp, paper, and allied products.....	609	100.0	45.6	44.9	9.2	-	-	.3	-	b
265	Containers, boxes and related products, paperboard, fiberboard, and pulpboard.....	161	100.0	8.3	64.1	26.6	-	-	1.0	-	d
2651	Containers, boxes, baskets, pallets and skids, paperboard, fiberboard, and pulpboard.....	137	100.0	8.1	61.6	29.6	-	-	.7	-	d
28	Chemicals and allied products.....	2,227	100.0	31.6	40.5	16.0	-	11.8	.1	-	c
281	Industrial chemicals.....	662	100.0	39.4	45.5	7.9	-	7.0	.2	-	d
2819	Miscellaneous industrial inorganic chemicals.....	91	100.0	30.1	66.2	3.6	0.1	-	-	-	d
282	Plastic materials and plasticizers, synthetic resins, rubbers, and fibers.	47	100.0	45.4	40.0	11.0	-	3.6	-	-	d
2821	Plastic materials and plasticizers, synthetic resins, rubbers, and fibers.	47	100.0	45.4	40.0	11.0	-	3.6	-	-	d
284	Soap and detergents, cleaning preparations, perfumes, cosmetics, and other toilet preparations.....	517	100.0	23.1	71.3	5.1	-	.5	-	-	a
2842	Specialty cleaning, polishing, and sanitation preparations (except soap and detergents).....	43	100.0	.9	91.1	7.7	-	.3	-	-	d
285	Paints, varnishes, lacquers, enamels, and allied products.....	79	100.0	4.7	73.3	21.3	-	.6	.1	-	d
2851	Paints, varnishes, lacquers, enamels, and allied products.....	79	100.0	4.7	73.3	21.3	-	.6	.1	-	d
30	Rubber and miscellaneous plastics products.....	143	100.0	42.1	40.5	17.1	.2	-	.1	-	a
32	Stone, clay, and glass products.....	3,384	100.0	40.3	49.9	9.8	-	-	-	-	d
322	Glass and glassware, pressed and blown.	168	100.0	4.3	70.6	25.0	-	-	.1	-	d
3221	Glass containers, caps and covers.....	168	100.0	4.3	70.6	25.0	-	-	.1	-	d
335	Nonferrous metal basic shapes.....	535	100.0	72.9	25.7	.5	-	-	.8	.1	a
341	Metal cans.....	132	100.0	7.6	78.3	13.9	-	.2	-	-	b
3411	Metal cans.....	132	100.0	7.6	78.3	13.9	-	.2	-	-	b
35	Machinery, except electrical.....	95	100.0	4.5	67.7	26.5	.4	.4	.5	-	d
353	Construction, mining, and materials handling machinery and equipment.....	2	100.0	-	72.2	26.9	.9	-	-	-	b
354	Metalworking machinery and equipment...	1	100.0	7.7	57.7	31.0	.5	-	3.1	-	d
359	Miscellaneous machinery and parts (except electrical).....	15	100.0	-	88.4	9.6	1.4	-	.6	-	d
3599	Miscellaneous machinery and parts (except electrical).....	15	100.0	-	88.4	9.6	1.4	-	.6	-	d
36	Electrical machinery and equipment.....	26	100.0	25.6	62.3	4.2	2.3	1.6	3.4	.c	d

See footnote at end of table.

TABLE 1. Percent Distribution of Commodities, by Means of Transport: 1967--Continued

TCC code	Commodity	Number	Percent distribution by means of transport								Sampling variability code ¹
			All means of transport	Rail	Motor carrier	Private truck	Air	Water	Other	Unknown	
	TON-MILES OF SHIPMENTS	(millions of ton-miles)									
	Maryland, total.....	3,878	100.0	49.8	34.3	11.7	0.1	3.6	0.5	-	-
20	Food and kindred products.....	575	100.0	27.5	44.9	25.0	-	2.6	-	-	-
201	Meat, poultry, and small game; fresh, chilled or frozen.....	28	100.0	1.8	66.6	31.3	-	-	-	0.3	-
208	Beverages and flavoring extracts.....	221	100.0	12.0	34.7	46.5	-	6.8	-	-	-
26	Pulp, paper, and allied products.....	247	100.0	66.2	29.5	3.2	-	-	1.1	-	-
265	Containers, boxes and related products, paperboard, fiberboard, and pulpboard.....	52	100.0	16.3	64.7	14.1	-	-	4.9	-	-
2651	Containers, boxes, baskets, pallets and skids, paperboard, fiberboard, and pulpboard.....	43	100.0	15.3	64.2	15.9	-	-	4.6	-	-
28	Chemicals and allied products.....	575	100.0	53.5	34.2	8.3	.1	3.9	-	-	-
281	Industrial chemicals.....	171	100.0	58.9	27.8	8.0	-	5.3	-	-	-
2819	Miscellaneous industrial inorganic chemicals.....	28	100.0	36.9	54.6	8.4	.1	-	-	-	-
282	Plastic materials and plasticizers, synthetic resins, rubbers, and fibers.	30	100.0	61.0	31.4	6.1	-	1.5	-	-	-
2821	Plastic materials and plasticizers, synthetic resins, rubbers, and fibers.	30	100.0	61.0	31.4	6.1	-	1.5	-	-	-
284	Soap and detergents, cleaning preparations, perfumes, cosmetics, and other toilet preparations.....	148	100.0	48.4	48.1	3.1	-	.4	-	-	-
2842	Specialty cleaning, polishing, and sanitation preparations (except soap and detergents).....	10	100.0	2.4	83.4	12.3	-	1.8	.1	-	-
285	Paints, varnishes, lacquers, enamels, and allied products.....	30	100.0	8.9	81.3	9.4	.1	.3	-	-	-
2851	Paints, varnishes, lacquers, enamels, and allied products.....	30	100.0	8.9	81.3	9.4	.1	.3	-	-	-
30	Rubber and miscellaneous plastics products.....	91	100.0	64.7	21.6	13.3	.3	-	.1	-	-
32	Stone, clay, and glass products.....	450	100.0	59.4	35.2	5.4	-	-	-	-	-
322	Glass and glassware, pressed and blown.	41	100.0	15.7	73.2	10.7	-	-	.4	-	-
3221	Glass containers, caps and covers.....	41	100.0	15.7	73.2	10.7	-	-	.4	-	-
335	Nonferrous metal basic shapes.....	249	100.0	77.9	19.5	.2	.1	-	2.2	.1	-
341	Metal cans.....	20	100.0	22.6	67.1	10.1	-	.2	-	-	-
3411	Metal cans.....	20	100.0	22.6	67.1	10.1	-	.2	-	-	-
35	Machinery, except electrical.....	47	100.0	13.8	72.4	8.9	.7	3.6	.6	-	-
353	Construction, mining, and materials handling machinery and equipment.....	1	100.0	-	95.6	2.4	2.0	-	-	-	-
354	Metalworking machinery and equipment...	-	-	-	-	-	-	-	-	-	-
359	Miscellaneous machinery and parts (except electrical).....	5	100.0	-	83.5	12.2	2.5	-	1.8	-	-
3599	Miscellaneous machinery and parts (except electrical).....	5	100.0	-	83.5	12.2	2.5	-	1.8	-	-
36	Electrical machinery and equipment.....	16	100.0	28.0	57.5	1.0	5.4	.5	7.2	.4	-

¹Code letter indicates a sampling variability range as follows: a, 0-9 percent; b, 10-19 percent; c, 20-29 percent; and d, 30-50 percent. The variability for ton-miles has not been estimated.

TABLE 2. Percent Distribution of Commodities, by Distance of Shipment: 1967

TCC code	Commodity	Number	Percent distribution by distance of shipment								Sampling variability code ¹
			All distances	Under 100 miles	100 to 199 miles	200 to 299 miles	300 to 499 miles	500 to 999 miles	1,000 to 1,499 miles	1,500 miles or over	
	TONS OF SHIPMENTS	(thousands of tons)									
	Maryland, total.....	15,445	100.0	38.2	25.6	13.1	11.3	8.3	1.9	1.6	-
20	Food and kindred products.....	2,462	100.0	30.9	29.5	11.2	18.1	9.6	.5	.2	b
201	Meat, poultry, and small game; fresh, chilled or frozen.....	258	100.0	65.6	18.7	8.5	6.4	.7	.1	-	c
208	Beverages and flavoring extracts.....	832	100.0	23.2	33.1	15.7	13.9	13.6	.1	.4	c
26	Pulp, paper, and allied products.....	609	100.0	14.4	20.8	24.5	25.1	9.0	.2	6.0	b
265	Containers, boxes and related products, paperboard, fiberboard, and pulpboard.....	161	100.0	23.5	29.7	8.8	19.5	15.6	.5	2.4	d
2651	Containers, boxes, baskets, pallets and skids, paperboard, fiberboard, and pulpboard.....	137	100.0	22.7	31.9	9.0	19.4	14.0	.3	2.7	d
28	Chemicals and allied products.....	2,227	100.0	42.2	20.1	11.3	13.9	8.8	2.0	1.7	c
281	Industrial chemicals.....	662	100.0	45.6	21.8	4.5	15.8	6.9	2.8	2.6	d
2819	Miscellaneous industrial inorganic chemicals.....	91	100.0	27.5	1.6	4.7	61.3	2.2	2.7	-	d
282	Plastic materials and plasticizers, synthetic resins, rubbers, and fibers.	47	100.0	7.1	5.5	9.9	15.6	26.6	35.1	.2	d
2821	Plastic materials and plasticizers, synthetic resins, rubbers, and fibers.	47	100.0	7.1	5.5	9.9	15.6	26.6	35.1	.2	d
284	Soap and detergents, cleaning preparations, perfumes, cosmetics, and other toilet preparations.....	517	100.0	19.2	43.6	7.0	12.5	15.3	.9	1.5	a
2842	Specialty cleaning, polishing, and sanitation preparations (except soap and detergents).....	43	100.0	46.5	23.8	5.4	10.7	10.6	2.6	.4	d
285	Paints, varnishes, lacquers, enamels, and allied products.....	79	100.0	18.1	18.3	23.0	14.9	22.2	.8	2.7	d
2851	Paints, varnishes, lacquers, enamels, and allied products.....	79	100.0	18.1	18.3	23.0	14.9	22.2	.8	2.7	d
30	Rubber and miscellaneous plastics products.....	143	100.0	11.2	15.9	15.8	9.3	29.8	6.6	11.4	a
32	Stone, clay, and glass products.....	3,384	100.0	62.3	21.8	7.6	3.7	3.7	.3	.6	d
322	Glass and glassware, pressed and blown.	168	100.0	27.5	29.0	24.2	7.5	11.1	-	.7	d
3221	Glass containers, caps and covers.....	168	100.0	27.5	29.0	24.2	7.5	11.1	-	.7	d
335	Nonferrous metal basic shapes.....	535	100.0	6.5	17.8	15.6	27.2	28.3	1.9	2.7	a
341	Metal cans.....	132	100.0	41.2	45.8	4.5	4.8	2.2	1.5	-	b
3411	Metal cans.....	132	100.0	41.2	45.8	4.5	4.8	2.2	1.5	-	b
35	Machinery, except electrical.....	95	100.0	23.6	20.5	6.4	18.2	17.3	7.0	7.0	d
353	Construction, mining, and materials handling machinery and equipment.....	2	100.0	26.8	15.0	2.3	15.7	13.1	6.0	21.1	b
354	Metalworking machinery and equipment...	1	100.0	59.6	6.2	7.3	9.3	13.8	.2	3.6	d
359	Miscellaneous machinery and parts (except electrical).....	15	100.0	29.6	18.3	3.3	19.2	24.8	.6	4.2	d
3599	Miscellaneous machinery and parts (except electrical).....	15	100.0	29.6	18.3	3.3	19.2	24.8	.6	4.2	d
36	Electrical machinery and equipment.....	26	100.0	11.7	17.2	4.6	9.2	47.6	3.1	6.6	d

See footnote at end of table.

TABLE 2. Percent Distribution of Commodities, by Distance of Shipment: 1967--Continued

TCC code	Commodity	Number	Percent distribution by distance of shipment								Sampling variability code ¹
			All distances	Under 100 miles	100 to 199 miles	200 to 299 miles	300 to 499 miles	500 to 999 miles	1,000 to 1,499 miles	1,500 miles or over	
	TON-MILES OF SHIPMENTS	(millions of ton-miles)									
	Maryland, total.....	3,878	100.0	8.3	15.0	13.3	17.3	23.0	8.7	14.4	-
20	Food and kindred products.....	575	100.0	7.6	19.1	12.2	28.8	28.3	2.2	1.8	-
201	Meat, poultry, and small game; fresh, chilled or frozen.....	28	100.0	30.0	23.6	19.2	20.2	4.6	.8	1.6	-
208	Beverages and flavoring extracts.....	221	100.0	5.8	19.1	15.0	19.8	36.2	.4	3.7	-
26	Pulp, paper, and allied products.....	247	100.0	2.2	7.8	15.7	25.6	15.1	.5	33.1	-
265	Containers, boxes and related products, paperboard, fiberboard, and pulpboard.....	52	100.0	4.4	14.6	7.3	24.2	31.9	2.0	15.6	-
2651	Containers, boxes, baskets, pallets and skids, paperboard, fiberboard, and pulpboard.....	43	100.0	4.5	15.9	7.6	24.4	28.7	1.3	17.6	-
28	Chemicals and allied products.....	575	100.0	9.0	11.5	11.6	21.4	22.7	8.5	15.3	-
281	Industrial chemicals.....	171	100.0	7.8	12.6	4.7	22.7	17.2	12.3	22.7	-
2819	Miscellaneous industrial inorganic chemicals.....	28	100.0	4.8	.8	4.1	74.5	5.0	10.6	.2	-
282	Plastic materials and plasticizers, synthetic resins, rubbers, and fibers.	30	100.0	1.0	1.4	3.9	10.0	25.7	57.3	.7	-
2821	Plastic materials and plasticizers, synthetic resins, rubbers, and fibers.	30	100.0	1.0	1.4	3.9	10.0	25.7	57.3	.7	-
284	Soap and detergents, cleaning preparations, perfumes, cosmetics, and other toilet preparations.....	148	100.0	4.0	22.7	6.6	16.4	34.2	3.9	12.2	-
2842	Specialty cleaning, polishing, and sanitation preparations (except soap and detergents).....	10	100.0	9.3	16.5	6.1	18.7	30.5	14.4	4.5	-
285	Paints, varnishes, lacquers, enamels, and allied products.....	30	100.0	2.2	7.9	15.7	15.7	39.3	2.6	16.6	-
2851	Paints, varnishes, lacquers, enamels, and allied products.....	30	100.0	2.2	7.9	15.7	15.7	39.3	2.6	16.6	-
30	Rubber and miscellaneous plastics products.....	91	100.0	1.1	3.4	5.5	6.2	30.2	11.6	42.0	-
32	Stone, clay, and glass products.....	450	100.0	22.3	23.2	13.9	10.5	17.5	3.1	9.5	-
322	Glass and glassware, pressed and blown.	41	100.0	8.0	18.7	22.4	11.9	32.1	-	6.9	-
3221	Glass containers, caps and covers.....	41	100.0	8.0	18.7	22.4	11.9	32.1	-	6.9	-
335	Nonferrous metal basic shapes.....	249	100.0	1.0	5.9	8.7	22.4	42.9	5.7	13.4	-
341	Metal cans.....	20	100.0	15.6	41.2	7.5	12.0	10.6	13.1	-	-
3411	Metal cans.....	20	100.0	15.6	41.2	7.5	12.0	10.6	13.1	-	-
35	Machinery, except electrical.....	47	100.0	3.3	6.6	3.2	13.6	24.6	15.6	33.1	-
353	Construction, mining, and materials handling machinery and equipment.....	1	100.0	2.1	3.0	.8	6.9	13.9	10.2	63.1	-
354	Metalworking machinery and equipment...	-	-	-	-	-	-	-	-	-	-
359	Miscellaneous machinery and parts (except electrical).....	5	100.0	5.2	7.8	2.0	18.1	47.5	2.1	17.3	-
3599	Miscellaneous machinery and parts (except electrical).....	5	100.0	5.2	7.8	2.0	18.1	47.5	2.1	17.3	-
36	Electrical machinery and equipment.....	16	100.0	.9	4.7	1.9	6.0	53.7	6.4	26.4	-

¹Code letter indicates a sampling variability range as follows: a, 0-9 percent; b, 10-19 percent; c, 20-29 percent; and d, 30-50 percent. The variability for ton-miles has not been estimated.

TABLE 3. Percent Distribution of Commodities, by Geographic Division of Destination: 1967

TCC code	Commodity	Number	Percent distribution by geographic division ¹ of destination										Sampling variability code ³
			All means of transport	New England	Middle Atlantic	East North Central	West North Central	South Atlantic	East South Central	West South Central	Mountain	Pacific ²	
	TONS OF SHIPMENTS	(thous. of tons)											
	Maryland, total.....	15,445	100.0	7.2	38.2	8.3	1.3	40.1	1.7	1.6	0.1	1.5	-
20	Food and kindred products.....	2,462	100.0	5.3	37.7	10.1	.6	42.6	3.3	.2	.1	.1	b
201	Meat, poultry, and small game; fresh, chilled or frozen.....	258	100.0	6.3	40.4	1.7	.1	51.5	-	-	-	-	c
208	Beverages and flavoring extracts.....	832	100.0	5.1	34.2	11.7	-	39.3	9.2	.1	.1	.3	c
26	Pulp, paper, and allied products.....	609	100.0	4.9	43.4	19.2	1.5	20.4	4.3	.2	.3	5.8	b
265	Containers, boxes and related products, paperboard, fiberboard, and pulpboard.....	161	100.0	6.9	40.5	10.8	1.5	34.1	3.2	.6	1.0	1.4	d
2651	Containers, boxes, baskets, pallets and skids, paperboard, fiberboard, and pulpboard.....	137	100.0	7.6	43.8	10.4	1.5	31.0	2.6	.5	1.1	1.5	d
28	Chemicals and allied products.....	2,227	100.0	5.6	38.0	14.6	1.1	36.6	1.0	1.5	.1	1.5	c
281	Industrial chemicals.....	662	100.0	6.7	44.8	13.7	.3	27.0	2.0	3.2	-	2.3	d
2819	Miscellaneous industrial inorganic chemicals.....	91	100.0	.5	10.8	59.9	.6	24.1	1.4	2.7	-	-	d
282	Plastic materials and plasticizers, synthetic resins, rubbers, and fibers.	47	100.0	2.5	20.6	25.7	32.3	14.8	-	3.9	-	.2	d
2821	Plastic materials and plasticizers, synthetic resins, rubbers, and fibers.	47	100.0	2.5	20.6	25.7	32.3	14.8	-	3.9	-	.2	d
284	Soap and detergents, cleaning preparations, perfumes, cosmetics, and other toilet preparations.....	517	100.0	4.2	47.4	8.9	.7	36.4	.1	.9	.3	1.1	a
2842	Specialty cleaning, polishing, and sanitation preparations (except soap and detergents).....	43	100.0	3.1	22.0	8.7	.6	61.5	1.1	2.6	.1	.3	d
285	Paints, varnishes, lacquers, enamels, and allied products.....	79	100.0	3.8	34.5	21.2	1.0	30.7	5.1	1.1	-	2.6	d
2851	Paints, varnishes, lacquers, enamels, and allied products.....	79	100.0	3.8	34.5	21.2	1.0	30.7	5.1	1.1	-	2.6	d
30	Rubber and miscellaneous plastics products.....	143	100.0	4.6	16.0	25.2	7.3	26.9	1.9	6.6	.1	11.4	a
32	Stone, clay, and glass products.....	3,384	100.0	3.4	19.0	4.4	.4	70.8	.9	.5	.1	.5	d
322	Glass and glassware, pressed and blown.	168	100.0	24.0	48.7	8.7	5.0	11.9	.6	.4	-	.7	d
3221	Glass containers, caps and covers.....	168	100.0	24.0	48.7	8.7	5.0	11.9	.6	.4	-	.7	d
335	Nonferrous metal basic shapes.....	535	100.0	17.7	23.4	29.2	10.9	10.1	4.2	1.8	.1	2.6	a
341	Metal cans.....	132	100.0	2.8	49.1	1.9	1.1	43.0	1.0	1.1	-	-	b
3411	Metal cans.....	132	100.0	2.8	49.1	1.9	1.1	43.0	1.0	1.1	-	-	b
35	Machinery, except electrical.....	95	100.0	10.7	38.6	7.8	5.2	21.3	5.4	4.2	1.7	5.1	d
353	Construction, mining, and materials handling machinery and equipment.....	2	100.0	.4	26.8	12.5	1.3	25.2	3.4	9.4	.4	20.6	b
354	Metalworking machinery and equipment...	1	100.0	6.8	34.7	14.1	-	40.4	.1	.2	.1	3.6	d
359	Miscellaneous machinery and parts (except electrical).....	15	100.0	15.8	46.8	5.3	5.4	12.4	9.6	.6	3.9	.2	d
3599	Miscellaneous machinery and parts (except electrical).....	15	100.0	15.8	46.8	5.3	5.4	12.4	9.6	.6	3.9	.2	d
36	Electrical machinery and equipment.....	26	100.0	4.6	18.6	37.1	6.1	20.5	3.5	3.2	.2	6.2	d

See footnotes at end of table.

TABLE 3. Percent Distribution of Commodities, by Geographic Division of Destination: 1967--Continued

TCC code	Commodity	Number	Percent distribution by geographic division ¹ of destination										Sampling variability code ³
			All means of transport	New England	Middle Atlantic	East North Central	West North Central	South Atlantic	East South Central	West South Central	Mountain	Pacific ²	
	TON-MILES OF SHIPMENTS	(millions of ton-miles)											
	Maryland, total.....	3,878	100.0	9.2	21.4	14.7	4.7	23.4	4.5	7.7	0.8	13.6	-
20	Food and kindred products.....	575	100.0	7.9	23.6	17.8	2.5	35.2	10.1	1.0	.7	1.2	-
201	Meat, poultry, and small game; fresh, chilled or frozen.....	26	100.0	16.9	50.1	7.3	.8	23.3	-	-	-	1.6	-
208	Beverages and flavoring extracts.....	221	100.0	6.7	16.9	13.7	-	33.7	24.9	.4	.8	2.9	-
26	Pulp, paper, and allied products.....	247	100.0	4.2	19.5	19.3	2.4	15.6	5.3	.5	1.1	32.1	-
265	Containers, boxes and related products, paperboard, fiberboard, and pulpboard.....	52	100.0	7.7	17.7	17.5	4.1	29.0	5.8	2.3	5.4	10.5	-
2651	Containers, boxes, baskets, pallets and skids, paperboard, fiberboard, and pulpboard.....	43	100.0	8.7	19.3	17.6	4.3	26.4	4.4	1.8	6.2	11.3	-
28	Chemicals and allied products.....	575	100.0	7.0	19.1	25.1	4.1	20.7	2.3	6.9	.7	14.1	-
281	Industrial chemicals.....	171	100.0	9.6	18.7	22.8	.9	7.8	4.7	14.3	-	21.2	-
2819	Miscellaneous industrial inorganic chemicals.....	28	100.0	.4	5.9	72.5	1.7	5.7	3.0	10.6	-	.2	-
282	Plastic materials and plasticizers, synthetic resins, rubbers, and fibers.	30	100.0	1.3	6.0	20.3	51.6	12.7	-	7.4	-	.7	-
2821	Plastic materials and plasticizers, synthetic resins, rubbers, and fibers.	30	100.0	1.3	6.0	20.3	51.6	12.7	-	7.4	-	.7	-
284	Soap and detergents, cleaning preparations, perfumes, cosmetics, and other toilet preparations.....	148	100.0	5.0	24.8	17.1	2.4	34.4	.2	3.9	2.7	9.5	-
2842	Specialty cleaning, polishing, and sanitation preparations (except soap and detergents).....	10	100.0	4.2	15.4	20.2	2.9	34.8	3.7	14.1	1.0	3.7	-
285	Paints, varnishes, lacquers, enamels, and allied products.....	30	100.0	3.5	17.4	31.7	2.4	17.4	7.7	3.5	.2	16.2	-
2851	Paints, varnishes, lacquers, enamels, and allied products.....	30	100.0	3.5	17.4	31.7	2.4	17.4	7.7	3.5	.2	16.2	-
30	Rubber and miscellaneous plastics products.....	91	100.0	2.8	3.2	16.6	10.0	12.0	2.0	11.5	.2	41.7	-
32	Stone, clay, and glass products.....	450	100.0	8.3	17.1	15.2	2.4	40.4	3.3	3.8	1.0	8.5	-
322	Glass and glassware, pressed and blown.	41	100.0	23.7	24.7	19.5	15.7	6.7	1.3	1.5	-	6.9	-
3221	Glass containers, caps and covers.....	41	100.0	23.7	24.7	19.5	15.7	6.7	1.3	1.5	-	6.9	-
335	Nonferrous metal basic shapes.....	249	100.0	11.4	8.8	29.4	20.0	6.0	5.6	5.4	.5	12.9	-
341	Metal cans.....	20	100.0	6.7	39.0	5.5	6.4	28.0	4.5	9.9	-	-	-
3411	Metal cans.....	20	100.0	6.7	39.0	5.5	6.4	28.0	4.5	9.9	-	-	-
35	Machinery, except electrical.....	47	100.0	7.7	10.8	8.6	10.3	13.5	6.9	9.5	6.1	26.6	-
353	Construction, mining, and materials handling machinery and equipment.....	1	100.0	.2	4.2	5.4	1.4	8.5	2.8	14.5	1.2	61.8	-
354	Metalworking machinery and equipment...	-	-	-	-	-	-	-	-	-	-	-	-
359	Miscellaneous machinery and parts (except electrical).....	5	100.0	13.9	14.4	7.9	10.8	17.6	16.3	2.0	15.7	1.4	-
3599	Miscellaneous machinery and parts (except electrical).....	5	100.0	13.9	14.4	7.9	10.8	17.6	16.3	2.0	15.7	1.4	-
36	Electrical machinery and equipment.....	16	100.0	2.6	4.9	37.6	7.8	10.6	3.8	6.6	.6	25.5	-

¹For States included in the geographic divisions, see map on inside cover.²Shipments to Alaska and Hawaii from the 48 conterminous States and the District of Columbia are included; no data were obtained for shipments originating in Alaska and Hawaii.³Code letter indicates a sampling variability range as follows: a, 0-9 percent; b, 10-19 percent; c, 20-29 percent; and d, 30-50 percent. The variability for ton-miles has not been estimated.

MASSACHUSETTS

SUMMARY

The estimates of tons and ton-miles are based on reports from a sample of manufacturing establishments located in the State of Massachusetts. The total tons and ton-miles represent the total intercity shipments by essentially all manufacturing establishments in the State, except for plants with less than 20 employees. However, since the data are based on a sample, the estimates necessarily are subject to "sampling variability."

The approximate degree of sampling variability for tons for each commodity or commodity class is indicated in the last column of tables 1 to 3. In general, most of the commodity data in this report are subject to substantial sampling variability and should be treated as approximate rather than precise measures.

About 12 million tons of commodities were shipped by plants in this area to destinations beyond the local area. These shipments gener-

ated 4.1 billion ton-miles by all means of transport combined, and averaged about 339 straight-line miles per ton shipped.

Table B indicates that 46 percent of the tons moved less than 100 miles and that mileage block accounts for 6 percent of the ton-miles.

Motor carrier is the dominant means of transport, accounting for 59 percent of the total tons. When measured in terms of ton-miles rather than tons, motor carrier remains dominant, accounting for about 53 percent of the total ton-miles.

As shown in table C, 76 percent of the total tons shipped by plants in Massachusetts remained in the Northeast Region. However, for some commodity groups (such as Machinery, Electrical Machinery, and Fabricated Metal Products) a more widespread distribution is indicated.

Table A. PERCENT DISTRIBUTION OF SHIPMENTS, AND AVERAGE LENGTH OF HAUL, BY MEANS OF TRANSPORT

Means of transport	Tons	Ton-miles	Average length of haul
	(thousands)	(millions)	(miles)
All commodities.....	12,033	4,075	
ALL COMMODITIES		Percent distribution	
All means of transport.....	100.0	100.0	339
Rail.....	17.3	36.2	708
Motor carrier.....	58.9	52.5	302
Private truck.....	22.2	7.5	115
Air.....	.2	.4	-
Water.....	.4	1.2	-
All other.....	1.0	2.2	-

Note: Average length of haul is based on straight-line miles from plant to customer or primary redistribution point, weighted by tonnage shipped (i.e., ton-miles divided by tons). Rail short-line and highway direct-route distances average about 24 and 21 percent, respectively, longer than straight-line distances.

Table B. PERCENT DISTRIBUTION OF SHIPMENTS BY DISTANCE OF SHIPMENT

Distance shipped	Tons	Ton-miles
ALL COMMODITIES		
All distances.....	100.0	100.0
Under 100 miles.....	45.5	5.8
100 to 199 miles.....	18.8	8.3
200 to 299 miles.....	8.4	6.1
300 to 499 miles.....	6.0	6.9
500 to 999 miles.....	13.1	28.6
1,000 to 1,499 miles.....	3.3	11.5
1,500 miles and over.....	4.9	32.8

Table C. PERCENT DISTRIBUTION OF TONS OF COMMODITIES BY REGION OF DESTINATION

TCC code	Commodity class	Tons (thousands)	Percent distribution by region ¹ of destination				
			All destinations	North-east	North Central	South	West
	Total.....	² 12,033	100.0	76.0	11.0	9.4	3.6
20	Food and kindred products.....	2,294	100.0	85.5	6.0	7.2	1.3
22	Basic textiles.....	361	100.0	50.0	23.8	18.2	8.0
23	Apparel, including knit apparel, and other finished textile products.....	53	100.0	62.1	19.4	14.7	3.8
24	Lumber and wood products, except furniture.....	37	100.0	76.0	11.3	11.8	.9
25	Furniture and fixtures.....	61	100.0	54.1	28.3	11.3	6.3
26	Pulp, paper, and allied products.....	1,855	100.0	74.9	13.1	9.7	2.3
28	Chemicals and allied products.....	2,128	100.0	79.9	9.2	8.4	2.5
30	Rubber and miscellaneous plastic products.....	525	100.0	57.7	22.9	12.8	6.6
31	Leather and leather products.....	193	100.0	55.3	23.2	10.9	10.6
32	Stone, clay, and glass products.....	1,006	100.0	85.9	10.7	3.2	.2
33	Primary metal products.....	729	100.0	68.7	13.1	10.1	8.1
34	Fabricated metal products.....	416	100.0	46.7	15.2	25.7	12.4
35	Machinery, except electrical.....	248	100.0	43.4	24.7	25.7	6.2
36	Electrical machinery and equipment.....	322	100.0	34.6	27.3	17.9	20.2
38	Instruments, photographic goods, optical goods, watches and clocks.....	81	100.0	69.7	9.6	14.3	6.4
39	Miscellaneous products, of manufacturing.....	155	100.0	52.3	9.1	29.3	9.3

¹See map on inside cover for areas included in the regions of the United States.

²Total includes commodities not shown separately.

TABLE 1. Percent Distribution of Commodities, by Means of Transport: 1967

TCC code	Commodity	Number	Percent distribution by means of transport								Sampling variability code ¹
			All means of transport	Rail	Motor carrier	Private truck	Air	Water	Other	Unknown	
	TONS OF SHIPMENTS	(thousands of tons)									
	Massachusetts, total.....	12,033	100.0	17.3	58.9	22.2	0.2	0.4	0.8	0.2	-
20	Food and kindred products.....	2,294	100.0	19.3	47.6	32.5	-	.5	.1	-	b
201	Meat, poultry, and small game; fresh, chilled or frozen.....	268	100.0	21.6	39.2	39.2	-	-	-	-	c
2013	Meat products.....	101	100.0	3.1	71.9	25.0	-	-	-	-	d
203	Canned and preserved fruits, vegetables, and seafoods.....	531	100.0	5.1	46.0	47.5	-	1.4	-	-	d
207	Confectionery and related products....	169	100.0	15.4	78.7	5.0	-	-	.9	-	d
2071	Confectionery and related products....	169	100.0	15.4	78.7	5.0	-	-	.9	-	d
208	Beverages and flavoring extracts.....	394	100.0	4.3	67.3	27.5	-	.9	-	-	d
22	Basic textiles.....	361	100.0	9.6	69.8	18.7	.3	-	1.2	.4	c
228	Thread and yarn (cotton, wool, silk, and man-made fiber).....	23	100.0	2.8	86.6	6.7	-	-	3.9	-	c
2281	Yarn.....	23	100.0	2.8	86.6	6.7	-	-	3.9	-	c
229	Miscellaneous basic textiles.....	152	100.0	.3	56.3	41.8	.4	.1	.2	.9	d
2299	Miscellaneous basic textiles.....	13	100.0	1.9	96.6	-	.4	1.0	.1	-	d
23	Apparel, including knit apparel, and other finished textile products.....	53	100.0	.1	89.4	.3	.2	-	10.0	-	c
231	Men's, youths', and boys' clothing....	8	100.0	.6	89.1	-	1.4	-	8.9	-	d
2311	Men's, youths', and boys' clothing....	8	100.0	.6	89.1	-	1.4	-	8.9	-	d
239	Miscellaneous fabricated textile products.....	22	100.0	-	99.4	.6	-	-	-	-	d
24	Lumber and wood products, except furniture.....	37	100.0	-	78.0	21.3	.4	-	.3	-	d
25	Furniture and fixtures.....	61	100.0	25.3	59.2	14.6	-	-	.9	-	d
251	Household and office furniture.....	48	100.0	29.9	55.6	13.5	-	-	1.0	-	d
26	Pulp, paper, and allied products.....	1,855	100.0	23.0	44.4	31.1	-	.2	1.3	-	b
262	Paper (except building paper).....	521	100.0	26.6	62.7	7.0	-	.6	3.0	.1	c
2621	Paper (except building paper).....	521	100.0	26.6	62.7	7.0	-	.6	3.0	.1	c
263	Paperboard, fiberboard, and pulpboard (except insulating board).....	236	100.0	29.6	45.0	24.8	-	-	.6	-	d
2631	Paperboard, fiberboard, and pulpboard (except insulating board).....	236	100.0	29.6	45.0	24.8	-	-	.6	-	d
264	Converted paper and paperboard products (except containers and boxes)..	452	100.0	41.0	43.9	13.7	.1	.1	1.2	-	d
2642	Envelopes (except stationery).....	55	100.0	13.3	76.0	10.4	-	-	.2	.1	d
2649	Miscellaneous converted paper products and paperboard products.....	84	100.0	18.4	77.0	3.8	.4	.4	-	-	d
265	Containers, boxes and related products, paperboard, fiberboard, and pulpboard	604	100.0	3.5	28.3	68.1	-	-	.1	-	d
28	Chemicals and allied products.....	2,128	100.0	23.9	56.7	16.5	.3	1.1	.3	1.2	c
282	Plastic materials and plasticizers, synthetic resins, rubbers, and fibers	764	100.0	22.3	63.1	12.4	-	.9	.8	.5	d
2821	Plastic materials and plasticizers, synthetic resins, rubbers, and fibers	764	100.0	22.3	63.1	12.4	-	.9	.8	.5	d
284	Soap and detergents, cleaning preparations, perfumes, cosmetics, and other toilet preparations.....	390	100.0	29.1	50.4	16.5	-	3.9	.1	-	c
285	Paints, varnishes, lacquers, enamels, and allied products.....	103	100.0	.1	57.9	41.8	-	.1	.1	-	d
2851	Paints, varnishes, lacquers, enamels, and allied products.....	103	100.0	.1	57.9	41.8	-	.1	.1	-	d
289	Miscellaneous chemical products.....	132	100.0	6.8	84.4	7.6	.1	.5	.4	.2	d
2891	Glue and gelatin.....	86	100.0	10.4	83.7	5.0	-	.6	.1	.2	d

See footnote at end of table.

TABLE 1. Percent Distribution of Commodities, by Means of Transport: 1967--Continued

TCC code	Commodity	Number	Percent distribution by means of transport								Sampling variability code
			All means of transport	Rail	Motor carrier	Private truck	Air	Water	Other	Unknown	
	TONS OF SHIPMENTS--Continued	(thousands of tons)									
30	Rubber and miscellaneous plastics products.....	525	100.0	16.1	76.3	4.2	0.1	-	3.2	0.1	d
302	Rubber footwear (including rubber and plastic combined).....	42	100.0	13.3	40.6	10.4	-	0.4	35.3	-	d
3021	Rubber footwear (including rubber and plastic combined).....	42	100.0	13.3	40.6	10.4	-	.4	35.3	-	d
306	Miscellaneous fabricated rubber products.....	157	100.0	12.3	81.1	6.3	.3	-	-	-	d
3061	Miscellaneous fabricated rubber products.....	157	100.0	12.3	81.1	6.3	.3	-	-	-	d
307	Miscellaneous plastic products.....	213	100.0	7.0	88.2	3.5	.1	-	.9	.3	d
3071	Miscellaneous plastic products.....	213	100.0	7.0	88.2	3.5	.1	-	.9	.3	d
31	Leather and leather products.....	193	100.0	4.3	77.5	9.7	.5	-	8.0	-	c
311	Leather, tanned and finished.....	27	100.0	.2	82.3	2.9	1.0	-	13.6	-	c
3111	Leather, tanned and finished.....	27	100.0	.2	82.3	2.9	1.0	-	13.6	-	c
313	Boot and shoe cut stock and findings, all materials.....	59	100.0	-	67.8	30.6	-	.2	1.4	-	d
3131	Boot and shoe cut stock and findings, all materials.....	59	100.0	-	67.8	30.6	-	.2	1.4	-	d
314	Footwear (except rubber).....	85	100.0	8.9	78.6	.2	.7	-	11.6	-	d
3141	Footwear (except house slippers and rubber footwear).....	66	100.0	11.2	83.4	.2	.7	-	4.5	.1	d
32	Stone, clay, and glass products.....	1,006	100.0	16.4	67.8	15.8	-	-	-	-	d
33	Primary metal products.....	729	100.0	12.2	65.6	12.7	.1	.4	-	-	d
331	Steel works and rolling mill products..	403	100.0	24.7	69.2	5.3	-	.8	-	-	d
332	Iron and steel castings.....	77	100.0	16.2	64.9	18.9	-	-	-	-	d
3321	Iron and steel castings.....	77	100.0	16.2	64.9	18.9	-	-	-	-	d
335	Nonferrous metal basic shapes.....	177	100.0	19.8	61.4	18.3	.4	.1	-	-	c
3357	Nonferrous wire (including insulated wire).....	121	100.0	28.1	59.0	12.1	.6	.2	-	-	d
339	Miscellaneous primary metal products...	46	100.0	16.0	83.7	.3	-	-	-	-	d
3391	Iron and steel forgings.....	36	100.0	6.2	93.4	.4	-	-	-	-	d
34	Fabricated metal products.....	416	100.0	4.8	84.6	9.3	.3	.6	.4	-	c
342	Cutley, hand tools, and general hardware.....	148	100.0	9.0	89.3	.4	.4	.1	.8	-	d
345	Bolts, nuts, screws, rivets, washers, and other industrial fasteners.....	9	100.0	3.5	94.6	.1	.7	-	1.1	-	c
3452	Bolts, nuts, screws, rivets, washers, and other industrial fasteners.....	9	100.0	3.5	94.6	.1	.7	-	1.1	-	c
35	Machinery, except electrical.....	248	100.0	7.8	82.5	6.6	.8	.5	1.8	-	b
353	Construction, mining, and materials handling machinery and equipment.....	14	100.0	43.6	49.4	2.2	.5	-	4.3	-	d
354	Metalworking machinery and equipment...	46	100.0	7.9	84.4	2.8	.4	.1	4.4	-	d
355	Special industry machinery (except metalworking machinery).....	74	100.0	.5	81.8	16.9	.4	.1	.3	-	d
3559	Miscellaneous special industry machinery.....	18	100.0	.1	69.1	30.2	.1	.5	-	-	c
356	General industrial machinery and equipment.....	39	100.0	3.3	90.5	.2	1.0	1.9	3.1	-	d
3566	Mechanical power transmission equipment, except ball and roll bearings...	20	100.0	1.8	96.0	-	.6	-	1.6	-	d
36	Electrical machinery and equipment.....	322	100.0	32.5	57.6	6.7	1.2	.4	1.6	-	c
3611	Electrical measuring instruments and test equipment.....	3	100.0	.5	49.1	.6	8.3	.1	41.4	-	d

See footnote at end of table.

TABLE 1. Percent Distribution of Commodities, by Means of Transport: 1967--Continued

TCC code	Commodity	Number	Percent distribution by means of transport								Sampling vari- ability code
			All means of transport	Rail	Motor carrier	Pri- vate truck	Air	Water	Other	Un- known	
	TONS OF SHIPMENTS--Continued	(thousands of tons)									
362	Electrical industrial apparatus.....	33	100.0	12.7	85.0	0.6	1.3	0.1	0.3	-	c
3643	Current carrying wiring devices (in- cluding lightning rods).....	10	100.0	.8	90.8	2.5	4.3	-	1.5	0.1	d
365	Radio and television receiving sets (except communication types), phono- graphs, and phonograph records.....	20	100.0	7.3	88.6	1.2	1.8	-	1.1	-	b
3651	Radio and television receiving sets (except communication types), and phonographs.....	20	100.0	7.3	88.6	1.2	1.8	-	1.1	-	b
367	Electronic components or accessories...	19	100.0	9.6	76.4	4.8	6.6	-	2.6	-	b
3674	Solid state semiconductor devices.....	1	100.0	9.7	55.9	.4	28.1	-	5.9	-	c
3679	Miscellaneous electronic components and accessories.....	17	100.0	10.1	77.2	5.3	5.0	-	2.4	-	b
3699	Electrical machinery, equipment, and supplies, n.e.c.....	3	100.0	1.2	96.6	.3	1.3	-	.6	-	d
3714	Motor vehicle parts and accessories....	15	100.0	22.0	58.6	18.6	.7	-	.1	-	d
38	Instruments, photographic goods, opti- cal goods, watches, and clocks.....	81	100.0	10.2	86.7	.4	.4	-	2.3	-	b
39	Miscellaneous products of manufacturing	155	100.0	16.8	55.0	24.3	.3	1.2	2.4	-	d
3999	Manufactured products, n.e.c.....	12	100.0	39.4	52.4	1.3	-	-	6.5	.4	d
	TON-MILES OF SHIPMENTS	(millions of ton-miles)									
	Massachusetts, total.....	4,075	100.0	36.2	52.5	7.5	.4	1.2	2.1	.1	-
20	Food and kindred products.....	542	100.0	33.2	49.2	14.8	-	2.6	.2	-	-
201	Meat, poultry, and small game; fresh, chilled or frozen.....	45	100.0	46.8	36.3	16.9	-	-	-	-	-
2013	Meat products.....	15	100.0	14.8	78.5	6.7	-	-	-	-	-
203	Canned and preserved fruits, vege- tables, and seafoods.....	177	100.0	11.3	63.8	20.0	-	4.9	-	-	-
207	Confectionery and related products.....	106	100.0	42.1	50.2	6.9	-	-	.8	-	-
2071	Confectionery and related products.....	106	100.0	42.1	50.2	6.9	-	-	.8	-	-
208	Beverages and flavoring extracts.....	74	100.0	25.5	50.1	17.3	-	7.0	.1	-	-
22	Basic textiles.....	202	100.0	29.6	49.0	16.2	.6	.1	3.9	.6	-
228	Thread and yarn (cotton, wool, silk, and man-made fiber).....	7	100.0	7.8	73.4	6.4	-	-	12.4	-	-
2281	Yarn.....	7	100.0	7.8	73.4	6.4	-	-	12.4	-	-
229	Miscellaneous basic textiles.....	79	100.0	1.2	56.0	39.8	.6	-	.9	1.5	-
2299	Miscellaneous basic textiles.....	12	100.0	3.5	95.6	-	.7	.1	.1	-	-
23	Apparel, including knit apparel, and other finished textile products.....	25	100.0	.6	90.6	.2	.6	-	8.0	-	-
231	Men's, youths', and boys' clothing.....	3	100.0	4.1	83.9	-	4.2	-	7.8	-	-
2311	Men's, youths', and boys' clothing.....	3	100.0	4.1	83.9	-	4.2	-	7.8	-	-
239	Miscellaneous fabricated textile products.....	10	100.0	-	99.6	.4	-	-	-	-	-
24	Lumber and wood products, except furniture.....	12	100.0	-	91.6	5.1	3.0	-	.3	-	-
25	Furniture and fixtures.....	33	100.0	52.7	43.4	3.1	-	-	.8	-	-
251	Household and office furniture.....	25	100.0	59.2	36.2	3.6	-	-	1.0	-	-
26	Pulp, paper, and allied products.....	591	100.0	51.5	37.2	8.0	-	.7	2.6	-	-
262	Paper (except building paper).....	242	100.0	52.4	37.9	4.6	.1	.8	.1	.1	-
2621	Paper (except building paper).....	242	100.0	52.4	37.9	4.6	.1	.8	4.1	.1	-

See footnote at end of table.

TABLE 1. Percent Distribution of Commodities, by Means of Transport: 1967--Continued

TCC code	Commodity	Number	Percent distribution by means of transport								Sampling variability code ¹
			All means of transport	Rail	Motor carrier	Private truck	Air	Water	Other	Unknown	
	TON-MILES OF SHIPMENTS--Continued	(millions of ton-miles)									
263	Paperboard, fiberboard, and pulpboard (except insulating board).....	63	100.0	66.2	23.4	10.0	-	-	0.4	-	-
2631	Paperboard, fiberboard, and pulpboard (except insulating board).....	63	100.0	66.2	23.4	10.0	-	-	.4	-	-
264	Converted paper and paperboard products (except containers and boxes).....	193	100.0	60.3	30.7	5.3	0.1	1.0	2.6	-	-
2642	Envelopes (except stationery).....	11	100.0	24.9	67.6	5.5	.2	-	1.8	-	-
2649	Miscellaneous converted paper products and paperboard products.....	36	100.0	24.1	70.0	.6	-	5.2	.1	-	-
265	Containers, boxes and related products, paperboard, fiberboard, and pulpboard.	67	100.0	6.2	69.1	24.7	-	-	-	-	-
28	Chemicals and allied products.....	624	100.0	44.3	44.2	8.8	.1	1.8	.4	0.4	-
282	Plastic materials and plasticizers, synthetic resins, rubbers, and fibers.	237	100.0	45.5	44.1	5.7	-	3.6	.7	.4	-
2821	Plastic materials and plasticizers, synthetic resins, rubbers, and fibers.	237	100.0	45.5	44.1	5.7	-	3.6	.7	.4	-
284	Soap and detergents, cleaning preparations, perfumes, cosmetics, and other toilet preparations.....	207	100.0	52.1	36.1	10.6	.1	.9	.1	.1	-
285	Paints, varnishes, lacquers, enamels, and allied products.....	20	100.0	1.1	71.9	25.3	.1	.9	.7	-	-
2851	Paints, varnishes, lacquers, enamels, and allied products.....	20	100.0	1.1	71.9	25.3	.1	.9	.7	-	-
289	Miscellaneous chemical products.....	63	100.0	20.1	72.6	6.3	.2	.4	.4	-	-
2891	Glue and gelatin.....	45	100.0	27.5	64.0	8.1	-	.2	.2	-	-
30	Rubber and miscellaneous plastics products.....	291	100.0	28.8	64.5	.7	.1	.1	5.7	.1	-
302	Rubber footwear (including rubber and plastic combined).....	23	100.0	.8	38.9	1.3	-	.9	58.1	-	-
3021	Rubber footwear (including rubber and plastic combined).....	23	100.0	.8	38.9	1.3	-	.9	58.1	-	-
306	Miscellaneous fabricated rubber products.....	66	100.0	49.9	48.3	1.6	.1	.1	-	-	-
3061	Miscellaneous fabricated rubber products.....	66	100.0	49.9	48.3	1.6	.1	.1	-	-	-
307	Miscellaneous plastic products.....	154	100.0	21.3	75.6	.5	.2	-	2.2	.2	-
3071	Miscellaneous plastic products.....	154	100.0	21.3	75.6	.5	.2	-	2.2	.2	-
31	Leather and leather products.....	125	100.0	12.1	60.0	7.5	1.1	-	19.3	-	-
311	Leather, tanned and finished.....	13	100.0	.4	66.5	.7	1.5	-	30.9	-	-
3111	Leather, tanned and finished.....	13	100.0	.4	66.5	.7	1.5	-	30.9	-	-
313	Boot and shoe cut stock and findings, all materials.....	23	100.0	-	57.8	41.2	.1	.1	.8	-	-
3131	Boot and shoe cut stock and findings, all materials.....	23	100.0	-	57.8	41.2	.1	.1	.8	-	-
314	Footwear (except rubber).....	67	100.0	20.4	49.7	-	1.5	-	28.4	-	-
3141	Footwear (except house slippers and rubber footwear).....	48	100.0	28.6	59.8	-	1.8	-	9.8	-	-
	Stone, clay, and glass products.....	185	100.0	35.9	59.4	4.4	.2	-	.1	-	-
33	Primary metal products.....	351	100.0	45.4	46.6	6.1	.4	1.5	-	-	-
331	Steel works and rolling mill products..	136	100.0	52.0	40.7	3.7	-	3.6	-	-	-
332	Iron and steel castings.....	27	100.0	38.8	59.1	2.1	-	-	-	-	-
3321	Iron and steel castings.....	27	100.0	38.8	59.1	2.1	-	-	-	-	-
335	Nonferrous metal basic shapes.....	166	100.0	44.3	46.5	8.3	.7	.2	-	-	-
3357	Nonferrous wire (including insulated wire).....	131	100.0	54.8	40.6	3.5	.9	.2	-	-	-

See footnote at end of table.

TABLE 1. Percent Distribution of Commodities, by Means of Transport: 1967--Continued

TCC code	Commodity	Number	Percent distribution by means of transport								Sampling vari- ability code ¹
			All means of transport	Rail	Motor carrier	Pri- vate truck	Air	Water	Other	Un- known	
	TON-MILES OF SHIPMENTS--Continued	(millions of ton-miles)									
339	Miscellaneous primary metal products...	20	100.0	25.6	74.4	-	-	-	-	-	-
3391	Iron and steel forgings.....	15	100.0	19.6	80.4	-	-	-	-	-	-
34	Fabricated metal products.....	309	100.0	14.1	83.3	1.9	0.3	0.1	0.3	-	-
342	Cutlery, hand tools, and general hardware.....	190	100.0	16.6	82.9	-	.2	-	.3	-	-
345	Bolts, nuts, screws, rivets, washers, and other industrial fasteners.....	7	100.0	9.6	89.3	-	1.0	-	.1	-	-
3452	Bolts, nuts, screws, rivets, washers, and other industrial fasteners.....	7	100.0	9.6	89.3	-	1.0	-	.1	-	-
35	Machinery, except electrical.....	163	100.0	12.5	81.3	2.3	1.2	.3	2.4	-	-
353	Construction, mining, and materials handling machinery and equipment.....	13	100.0	25.8	70.0	.5	.6	-	3.1	-	-
354	Metalworking machinery and equipment...	33	100.0	10.3	81.1	1.3	.6	-	6.7	-	-
355	Special industry machinery (except metalworking machinery).....	40	100.0	2.3	88.9	7.7	.8	-	.3	-	-
3559	Miscellaneous special industry machinery.....	4	100.0	.8	93.3	5.1	.3	.4	.1	-	-
356	General industrial machinery and equipment.....	30	100.0	10.8	84.1	-	1.4	.4	3.3	-	-
3566	Mechanical power transmission equip- ment, except ball and roller bearings.	14	100.0	6.7	91.3	-	.9	-	1.1	-	-
36	Electrical machinery and equipment.....	306	100.0	53.6	36.9	4.5	1.4	2.0	1.6	-	-
3611	Electrical measuring instruments and test equipment.....	3	100.0	.5	44.8	-	17.9	.5	36.3	-	-
362	Electrical industrial apparatus.....	18	100.0	29.7	67.5	-	2.4	-	.4	-	-
3643	Current carrying wiring devices (in- cluding lightning rods).....	7	100.0	2.6	82.3	1.7	11.6	-	1.7	0.1	-
365	Radio and television receiving sets (except communication types), phono- graphs, and phonograph records.....	15	100.0	15.6	80.7	-	2.5	-	1.2	-	-
3651	Radio and television receiving sets (except communication types), and phonographs.....	15	100.0	15.7	80.8	-	2.3	-	1.2	-	-
367	Electronic components or accessories...	13	100.0	13.6	69.7	4.1	8.4	-	4.2	-	-
3674	Solid state semiconductor devices.....	1	100.0	10.3	56.0	.2	27.7	-	5.8	-	-
3679	Miscellaneous electronic components and accessories.....	11	100.0	15.5	68.4	5.0	6.7	-	4.4	-	-
3699	Electrical machinery, equipment, and supplies, n.e.c.....	4	100.0	1.3	96.4	-	1.6	-	.7	-	-
3714	Motor vehicle parts and accessories....	10	100.0	56.0	41.9	1.1	.9	-	.1	-	-
38	Instruments, photographic goods, opti- cal goods, watches, and clocks.....	39	100.0	37.2	55.4	.5	1.4	.4	5.1	-	-
39	Miscellaneous products of manufacturing	112	100.0	36.6	52.4	1.7	.9	4.2	4.2	-	-
3999	Manufactured products, n.e.c.....	12	100.0	60.3	26.2	-	-	-	13.2	.3	-

¹Code letter indicates a sampling variability range as follows: a, 0-9 percent; b, 10-19 percent; c, 20-29 percent; and d, 30-50 percent. The variability for ton-miles has not been estimated.

TABLE 2. Percent Distribution of Commodities, by Distance of Shipment: 1967

TCC code	Commodity	Number	Percent distribution by distance of shipment								Sampling variability code ¹
			All distances	Under 100 miles	100 to 199 miles	200 to 299 miles	300 to 499 miles	500 to 999 miles	1,000 to 1,499 miles	1,500 miles or over	
	TONS OF SHIPMENTS	(thousands of tons)									
	Massachusetts, total.....	12,033	100.0	45.5	18.8	8.4	6.0	13.1	3.3	4.9	-
20	Food and kindred products.....	2,294	100.0	51.3	18.0	9.7	9.9	7.2	2.1	1.8	b
201	Meat, poultry, and small game; fresh, chilled or frozen.....	268	100.0	47.7	33.0	5.0	9.8	3.5	.5	.5	c
2013	Meat products.....	101	100.0	56.4	33.2	2.0	4.1	1.5	1.4	1.4	d
203	Canned and preserved fruits, vegetables, and seafoods.....	531	100.0	37.9	20.1	7.1	11.8	16.1	4.4	2.6	d
207	Confectionery and related products.....	169	100.0	23.7	11.4	10.2	16.1	21.7	7.0	9.9	d
2071	Confectionery and related products.....	169	100.0	23.7	11.4	10.2	16.1	21.7	7.0	9.9	d
208	Beverages and flavoring extracts.....	394	100.0	60.6	21.6	5.9	3.3	4.6	2.7	1.3	d
22	Basic textiles.....	361	100.0	33.3	12.0	3.9	3.1	35.4	3.6	8.7	c
228	Thread and yarn (cotton, wool, silk, and man-made fiber).....	23	100.0	28.0	35.7	4.1	2.1	28.1	1.1	.9	c
2281	Yarn.....	23	100.0	28.0	35.7	4.1	2.1	28.1	1.1	.9	c
229	Miscellaneous basic textiles.....	152	100.0	30.4	3.1	3.1	1.0	57.1	2.8	2.5	d
2299	Miscellaneous basic textiles.....	13	100.0	15.9	18.4	4.5	4.3	23.6	8.4	24.9	d
23	Apparel, including knit apparel, and other finished textile products.....	53	100.0	27.8	22.2	8.2	8.1	21.4	4.9	7.4	c
231	Men's, youths', and boys' clothing.....	8	100.0	42.0	22.5	4.6	5.0	12.5	8.1	5.3	d
2311	Men's, youths', and boys' clothing.....	8	100.0	42.0	22.5	4.6	5.0	12.5	8.1	5.3	d
239	Miscellaneous fabricated textile products.....	22	100.0	32.3	16.7	5.2	4.6	29.9	4.5	6.8	d
24	Lumber and wood products, except furniture.....	37	100.0	32.1	34.8	4.5	6.9	18.4	2.4	.9	d
25	Furniture and fixtures.....	61	100.0	29.0	12.7	10.1	5.4	31.7	3.7	7.4	d
251	Household and office furniture.....	48	100.0	29.7	13.8	8.4	4.9	32.7	3.8	6.7	d
26	Pulp, paper, and allied products.....	1,855	100.0	42.7	21.1	9.2	5.6	13.7	4.6	3.1	b
262	Paper (except building paper).....	521	100.0	22.1	25.1	10.8	6.3	23.9	5.9	5.9	c
2621	Paper (except building paper).....	521	100.0	22.1	25.1	10.8	6.3	23.9	5.9	5.9	c
263	Paperboard, fiberboard, and pulpboard (except insulating board).....	236	100.0	40.9	26.4	11.8	4.9	12.4	1.7	1.9	d
2631	Paperboard, fiberboard, and pulpboard (except insulating board).....	236	100.0	40.9	26.4	11.8	4.9	12.4	1.7	1.9	d
264	Converted paper and paperboard products (except containers and boxes).....	452	100.0	21.7	22.6	15.1	11.2	18.1	8.8	2.5	d
2642	Envelopes (except stationery).....	55	100.0	46.7	36.7	3.1	2.6	8.8	1.1	1.0	d
2649	Miscellaneous converted paper products and paperboard products.....	84	100.0	19.0	29.7	22.0	9.4	8.1	6.1	5.7	d
265	Containers, boxes and related products, paperboard, fiberboard, and pulpboard.	604	100.0	78.9	14.4	2.5	1.0	1.0	.9	1.3	d
28	Chemicals and allied products.....	2,128	100.0	40.4	26.0	9.8	5.9	13.0	1.9	3.0	c
282	Plastic materials and plasticizers, synthetic resins, rubbers, and fibers.	764	100.0	29.7	28.3	11.2	7.5	21.0	.7	1.6	d
2821	Plastic materials and plasticizers, synthetic resins, rubbers, and fibers.	764	100.0	29.7	28.3	11.2	7.5	21.0	.7	1.6	d
284	Soap and detergents, cleaning preparations, perfumes, cosmetics, and other toilet preparations.....	390	100.0	21.0	27.1	16.8	4.1	16.7	5.2	9.1	c
285	Paints, varnishes, lacquers, enamels, and allied products.....	103	100.0	56.2	16.3	6.6	11.4	7.1	1.8	.6	d
2851	Paints, varnishes, lacquers, enamels, and allied products.....	103	100.0	56.2	16.3	6.6	11.4	7.1	1.8	.6	d
289	Miscellaneous chemical products.....	132	100.0	19.1	17.8	11.0	24.4	13.8	8.8	5.1	d
2891	Glue and gelatin.....	86	100.0	14.0	16.2	9.1	27.5	17.7	10.3	5.2	d

See footnote at end of table.

TABLE 2. Percent Distribution of Commodities, by Distance of Shipment: 1967--Continued

TCC code	Commodity	Number	Percent distribution by distance of shipment								Sampling variability code ¹
			All distances	Under 100 miles	100 to 199 miles	200 to 299 miles	300 to 499 miles	500 to 999 miles	1,000 to 1,499 miles	1,500 miles or over	
	TONS OF SHIPMENTS--Continued	(thousands of tons)									
30	Rubber and miscellaneous plastics products.....	525	100.0	26.3	19.3	9.8	5.0	25.3	5.2	9.1	d
302	Rubber footwear (including rubber and plastic combined).....	42	100.0	31.4	3.9	6.4	4.9	42.8	9.3	1.3	d
3021	Rubber footwear (including rubber and plastic combined).....	42	100.0	31.4	3.9	6.4	4.9	42.8	9.3	1.3	d
306	Miscellaneous fabricated rubber products.....	157	100.0	43.2	21.1	8.3	4.1	8.5	7.0	7.8	d
3061	Miscellaneous fabricated rubber products.....	157	100.0	43.2	21.1	8.3	4.1	8.5	7.0	7.8	d
307	Miscellaneous plastic products.....	213	100.0	21.2	16.9	5.2	6.8	28.4	5.4	16.1	d
3071	Miscellaneous plastic products.....	213	100.0	21.2	16.9	5.2	6.8	28.4	5.4	16.1	d
31	Leather and leather products.....	193	100.0	26.8	15.7	7.5	7.9	20.2	10.0	11.9	c
311	Leather, tanned and finished.....	27	100.0	22.4	27.1	9.8	4.9	7.2	28.0	.6	c
3111	Leather, tanned and finished.....	27	100.0	22.4	27.1	9.8	4.9	7.2	28.0	.6	c
313	Boot and shoe cut stock and findings, all materials.....	59	100.0	32.4	19.1	9.8	5.7	25.7	6.3	1.0	d
3131	Boot and shoe cut stock and findings, all materials.....	59	100.0	32.4	19.1	9.8	5.7	25.7	6.3	1.0	d
314	Footwear (except rubber).....	85	100.0	28.6	8.9	5.8	11.2	20.2	5.1	20.2	d
3141	Footwear (except house slippers and rubber footwear).....	66	100.0	25.6	10.9	6.6	13.5	21.5	5.7	16.2	d
32	Stone, clay, and glass products.....	1,006	100.0	60.9	14.7	6.7	5.1	10.8	.6	1.2	d
33	Primary metal products.....	729	100.0	33.3	21.3	12.5	4.3	13.5	5.1	10.0	d
331	Steel works and rolling mill products..	403	100.0	40.0	23.4	15.5	3.4	10.2	1.6	5.9	d
332	Iron and steel castings.....	77	100.0	47.9	10.4	8.2	.3	24.5	8.6	.1	d
3321	Iron and steel castings.....	77	100.0	47.9	10.4	8.2	.3	24.5	8.6	.1	d
335	Nonferrous metal basic shapes.....	177	100.0	11.8	17.6	8.2	6.2	17.0	13.6	25.6	c
3357	Nonferrous wire (including insulated wire).....	121	100.0	10.0	16.4	5.2	5.5	14.7	17.3	30.9	d
339	Miscellaneous primary metal products...	46	100.0	28.7	18.1	16.5	13.6	13.7	.7	8.7	d
3391	Iron and steel forgings.....	36	100.0	36.6	14.7	8.1	16.8	14.8	.7	8.3	d
34	Fabricated metal products.....	416	100.0	25.8	12.1	6.7	4.5	24.7	6.5	19.7	c
342	Cutlery, hand tools, and general hardware.....	148	100.0	2.9	10.4	6.6	4.2	23.5	10.1	42.3	d
345	Bolts, nuts, screws, rivets, washers, and other industrial fasteners.....	9	100.0	16.0	9.4	4.3	12.7	36.0	9.9	11.7	c
3452	Bolts, nuts, screws, rivets, washers, and other industrial fasteners.....	9	100.0	16.0	9.4	4.3	12.7	36.0	9.9	11.7	c
35	Machinery, except electrical.....	248	100.0	20.0	14.0	4.6	9.0	32.6	10.7	9.1	b
353	Construction, mining, and materials handling machinery and equipment.....	14	100.0	4.7	6.4	1.3	43.4	10.4	12.2	21.6	d
354	Metalworking machinery and equipment...	46	100.0	7.2	8.7	5.4	9.1	50.4	14.0	5.2	d
355	Special industry machinery (except metalworking machinery).....	74	100.0	28.2	12.4	6.1	5.4	35.9	5.8	6.2	d
3559	Miscellaneous special industry machinery.....	18	100.0	60.1	8.5	3.9	12.7	9.6	4.6	.6	c
356	General industrial machinery and equipment.....	39	100.0	14.6	15.5	5.7	9.3	29.1	8.5	17.3	d
3566	Mechanical power transmission equipment, except ball and roller bearings.	20	100.0	23.7	13.4	4.5	4.3	32.2	10.0	11.9	d
36	Electrical machinery and equipment.....	322	100.0	7.9	15.5	7.7	7.5	30.0	8.5	22.9	c
3611	Electrical measuring instruments and test equipment.....	3	100.0	3.8	15.3	12.7	8.9	34.3	6.8	18.2	d

See footnote at end of table.

TABLE 2. Percent Distribution of Commodities, by Distance of Shipment: 1967--Continued

TCC code	Commodity	Number	Percent distribution by distance of shipment								Sampling variability code ¹
			All distances	Under 100 miles	100 to 199 miles	200 to 299 miles	300 to 499 miles	500 to 999 miles	1,000 to 1,499 miles	1,500 miles or over	
	TONS OF SHIPMENTS--Continued	(thousands of tons)									
362	Electrical industrial apparatus.....	33	100.0	6.3	45.7	4.2	2.1	29.8	3.4	8.5	c
3643	Current carrying wiring devices (including lightning rods).....	10	100.0	8.0	17.7	6.8	13.0	33.9	10.8	9.8	d
365	Radio and television receiving sets (except communication types), phonographs, and phonograph records.....	20	100.0	9.5	22.1	13.3	5.3	21.2	15.2	13.4	b
3651	Radio and television receiving sets (except communication types), and phonographs.....	20	100.0	9.5	22.1	13.3	5.3	21.2	15.2	13.4	b
367	Electronic components or accessories...	19	100.0	15.1	17.0	7.0	7.2	35.3	5.0	13.4	b
3674	Solid state semiconductor devices.....	1	100.0	20.6	9.5	3.1	20.9	15.8	9.3	20.8	c
3679	Miscellaneous electronic components and accessories.....	17	100.0	15.6	18.3	7.4	4.2	38.5	4.9	11.1	b
3699	Electrical machinery, equipment, and supplies, n.e.c.....	3	100.0	4.9	12.8	10.3	5.9	28.9	7.1	30.1	d
3714	Motor vehicle parts and accessories....	15	100.0	29.4	6.3	12.3	12.0	14.9	9.0	16.1	d
38	Instruments, photographic goods, optical goods, watches, and clocks.....	81	100.0	37.2	22.8	7.8	4.1	10.7	6.0	11.4	b
39	Miscellaneous products of manufacturing	155	100.0	29.4	17.2	3.2	4.5	16.9	5.8	23.0	d
3999	Manufactured products, n.e.c.....	12	100.0	2.7	30.5	1.9	1.3	7.8	9.2	46.6	d
	TON-MILES OF SHIPMENTS	(millions of ton-miles)									
	Massachusetts, total.....	4,075	100.0	5.8	8.3	6.1	6.9	28.6	11.5	32.8	-
20	Food and kindred products.....	542	100.0	10.5	11.6	10.7	16.5	22.6	10.5	17.6	-
201	Meat, poultry, and small game; fresh, chilled or frozen.....	45	100.0	13.1	30.1	7.5	21.3	17.4	3.6	7.0	-
2013	Meat products.....	15	100.0	18.1	30.0	2.8	10.4	7.5	10.7	20.5	-
203	Canned and preserved fruits, vegetables, and seafoods.....	177	100.0	5.3	9.9	5.3	13.2	35.6	15.5	15.2	-
207	Confectionery and related products....	106	100.0	1.6	2.9	4.0	11.0	25.1	14.6	40.8	-
2071	Confectionery and related products....	106	100.0	1.6	2.9	4.0	11.0	25.1	14.6	40.8	-
208	Beverages and flavoring extracts.....	74	100.0	17.0	16.9	7.2	7.1	18.2	16.7	16.9	-
22	Basic textiles.....	202	100.0	2.5	3.3	1.7	2.3	45.5	7.9	36.8	-
228	Thread and yarn (cotton, wool, silk, and man-made fiber).....	7	100.0	3.6	19.2	3.2	2.6	62.1	4.5	4.8	-
2281	Yarn.....	7	100.0	3.6	19.2	3.2	2.6	62.1	4.5	4.8	-
229	Miscellaneous basic textiles.....	79	100.0	2.4	.9	1.5	.7	77.3	6.1	11.1	-
2299	Miscellaneous basic textiles.....	12	100.0	.9	3.2	1.3	1.8	20.3	10.8	61.7	-
23	Apparel, including knit apparel, and other finished textile products.....	25	100.0	2.3	7.8	4.5	6.6	32.7	12.7	33.4	-
231	Men's, youths', and boys' clothing....	3	100.0	4.0	9.8	2.9	4.9	24.1	24.9	29.4	-
2311	Men's, youths', and boys' clothing....	3	100.0	4.0	9.8	2.9	4.9	24.1	24.9	29.4	-
239	Miscellaneous fabricated textile products.....	10	100.0	2.5	5.9	2.7	3.6	45.4	11.1	28.8	-
24	Lumber and wood products, except furniture.....	12	100.0	5.4	18.1	3.6	9.4	45.7	9.8	8.0	-
25	Furniture and fixtures.....	33	100.0	2.8	3.7	4.6	3.9	45.3	7.8	31.9	-
251	Household and office furniture.....	25	100.0	2.9	4.2	3.9	3.6	48.1	8.5	28.8	-
26	Pulp, paper, and allied products.....	591	100.0	5.9	9.7	6.9	6.7	31.9	16.9	22.0	-
262	Paper (except building paper)	242	100.0	2.5	8.4	5.3	5.3	37.4	14.4	26.7	-
2621	Paper (except building paper).....	242	100.0	2.5	8.4	5.3	5.3	37.4	14.4	26.7	-

See footnote at end of table.

TABLE 2. Percent Distribution of Commodities, by Distance of Shipment: 1967--Continued

TCC code	Commodity	Number	Percent distribution by distance of shipment								Sampling variability code ¹
			All distances	Under 100 miles	100 to 199 miles	200 to 299 miles	300 to 499 miles	500 to 999 miles	1,000 to 1,499 miles	1,500 miles or over	
	TON-MILES OF SHIPMENTS--Continued	(millions of ton-miles)									
263	Paperboard, fiberboard, and pulpboard (except insulating board).....	63	100.0	7.9	13.6	9.5	6.6	38.3	7.1	17.0	-
2631	Paperboard, fiberboard, and pulpboard (except insulating board).....	63	100.0	7.9	13.6	9.5	6.6	38.3	7.1	17.0	-
264	Converted paper and paperboard products (except containers and boxes).....	193	100.0	3.1	7.6	8.8	10.1	31.2	24.6	14.6	-
2642	Envelopes (except stationery).....	11	100.0	14.1	23.2	3.7	5.0	34.9	6.8	12.3	-
2649	Miscellaneous converted paper products and paperboard products.....	36	100.0	2.1	10.5	12.9	8.1	13.4	19.4	33.6	-
265	Containers, boxes and related products, paperboard, fiberboard, and pulpboard.	67	100.0	26.1	18.2	5.6	3.0	7.2	9.0	30.9	-
28	Chemicals and allied products.....	624	100.0	6.8	13.2	7.9	7.4	32.8	8.0	23.9	-
282	Plastic materials and plasticizers, synthetic resins, rubbers, and fibers.	237	100.0	4.7	13.7	8.7	9.2	49.7	3.1	10.9	-
2821	Plastic materials and plasticizers, synthetic resins, rubbers, and fibers.	237	100.0	4.7	13.7	8.7	9.2	49.7	3.1	10.9	-
284	Soap and detergents, cleaning preparations, perfumes, cosmetics, and other toilet preparations.....	207	100.0	2.0	7.9	7.2	3.0	25.1	12.1	42.7	-
285	Paints, varnishes, lacquers, enamels, and allied products.....	20	100.0	13.0	11.2	8.8	21.2	28.6	10.7	6.5	-
2851	Paints, varnishes, lacquers, enamels, and allied products.....	20	100.0	13.0	11.2	8.8	21.2	28.6	10.7	6.5	-
289	Miscellaneous chemical products.....	63	100.0	2.1	6.0	5.5	17.9	21.5	21.5	25.5	-
2891	Glue and gelatin.....	45	100.0	1.2	5.1	4.0	18.7	25.6	22.3	23.1	-
30	Rubber and miscellaneous plastics products.....	291	100.0	1.8	5.6	4.3	3.4	35.9	11.2	37.8	-
302	Rubber footwear (including rubber and plastic combined).....	23	100.0	2.2	1.2	2.7	3.1	66.2	19.4	5.2	-
3021	Rubber footwear (including rubber and plastic combined).....	23	100.0	2.2	1.2	2.7	3.1	66.2	19.4	5.2	-
306	Miscellaneous fabricated rubber products.....	66	100.0	3.5	8.4	4.6	3.6	15.0	19.6	45.3	-
3061	Miscellaneous fabricated rubber products.....	66	100.0	3.5	8.4	4.6	3.6	15.0	19.6	45.3	-
307	Miscellaneous plastic products.....	154	100.0	1.0	3.9	1.8	3.6	30.1	9.2	50.4	-
3071	Miscellaneous plastic products.....	154	100.0	1.0	3.9	1.8	3.6	30.1	9.2	50.4	-
31	Leather and leather products.....	125	100.0	1.6	4.1	2.7	4.6	24.6	17.3	45.1	-
311	Leather, tanned and finished.....	13	100.0	1.5	10.6	5.0	3.7	12.6	63.7	2.9	-
3111	Leather, tanned and finished.....	13	100.0	1.5	10.6	5.0	3.7	12.6	63.7	2.9	-
313	Boot and shoe cut stock and findings, all materials.....	23	100.0	4.1	8.2	5.7	5.2	54.0	17.7	5.1	-
3131	Boot and shoe cut stock and findings, all materials.....	23	100.0	4.1	8.2	5.7	5.2	54.0	17.7	5.1	-
314	Footwear (except rubber).....	67	100.0	1.3	1.8	1.8	5.4	19.8	7.5	62.4	-
3141	Footwear (except house slippers and rubber footwear).....	48	100.0	1.1	2.4	2.3	7.1	23.2	9.3	54.6	-
32	Stone, clay, and glass products.....	185	100.0	13.5	11.7	9.3	10.6	38.9	3.8	12.2	-
33	Primary metal products.....	351	100.0	3.5	6.1	6.1	3.6	20.5	12.4	47.8	-
331	Steel works and rolling mill products..	136	100.0	6.1	9.3	10.3	3.8	22.2	5.4	42.9	-
332	Iron and steel castings.....	27	100.0	6.2	4.6	6.5	.4	53.9	27.6	.8	-
3321	Iron and steel castings.....	27	100.0	6.2	4.6	6.5	.4	53.9	27.6	.8	-
335	Nonferrous metal basic shapes.....	166	100.0	.7	2.8	2.2	2.8	13.9	17.0	60.6	-
3357	Nonferrous wire (including insulated wire).....	131	100.0	.5	2.3	1.2	2.1	10.1	18.8	65.0	-

See footnote at end of table.

TABLE 2. Percent Distribution of Commodities, by Distance of Shipment: 1967--Continued

TCC code	Commodity	Number	Percent distribution by distance of shipment								Sampling variability code ¹
			All distances	Under 100 miles	100 to 199 miles	200 to 299 miles	300 to 499 miles	500 to 999 miles	1,000 to 1,499 miles	1,500 miles or over	
	TON-MILES OF SHIPMENTS--Continued	(millions of ton-miles)									
339	Miscellaneous primary metal products...	20	100.0	3.4	5.7	9.1	13.9	20.5	1.8	45.6	-
3391	Iron and steel forgings.....	15	100.0	4.4	4.5	5.1	17.4	22.5	1.7	44.4	-
34	Fabricated metal products.....	309	100.0	1.6	2.5	2.3	2.5	23.6	10.8	56.7	-
342	Cutlery, hand tools, and general hardware.....	190	100.0	.1	1.4	1.3	1.4	13.8	9.9	72.1	-
345	Bolts, nuts, screws, rivets, washers, and other industrial fasteners.....	7	100.0	1.3	2.0	1.5	6.5	36.7	15.9	36.1	-
3452	Bolts, nuts, screws, rivets, washers, and other industrial fasteners.....	7	100.0	1.3	2.0	1.5	6.5	36.7	15.9	36.1	-
35	Machinery, except electrical.....	163	100.0	1.3	3.4	1.6	5.1	37.7	19.9	31.0	-
353	Construction, mining, and materials handling machinery and equipment.....	13	100.0	.3	1.1	.3	15.0	8.5	16.3	58.5	-
354	Metalworking machinery and equipment...	33	100.0	.5	1.8	1.7	4.6	51.6	23.7	16.1	-
355	Special industry machinery (except metalworking machinery).....	40	100.0	2.2	3.5	2.7	3.6	50.0	12.4	25.6	-
3559	Miscellaneous special industry machinery.....	4	100.0	9.8	4.8	4.4	19.4	34.2	22.1	5.3	-
356	General industrial machinery and equipment.....	30	100.0	1.0	3.2	1.7	5.0	28.9	13.5	46.7	-
3566	Mechanical power transmission equipment, except ball and roller bearings.	14	100.0	1.7	2.7	1.6	2.3	35.1	16.8	39.8	-
36	Electrical machinery and equipment.....	306	100.0	.4	2.6	2.0	3.2	23.8	10.4	57.6	-
3611	Electrical measuring instruments and test equipment.....	3	100.0	.2	3.0	3.3	3.8	31.7	9.5	48.5	-
362	Electrical industrial apparatus.....	18	100.0	.5	13.9	1.7	1.4	45.2	7.4	29.9	-
3643	Current carrying wiring devices (including lightning rods).....	7	100.0	.4	3.5	2.2	7.0	36.8	18.2	31.9	-
365	Radio and television receiving sets (except communication types), phonographs, and phonograph records.....	15	100.0	.9	5.3	4.1	2.9	21.2	24.2	41.4	-
3651	Radio and television receiving sets (except communication types), and phonographs.....	15	100.0	.9	5.3	4.1	2.9	21.2	24.2	41.4	-
367	Electronic components or accessories...	13	100.0	1.4	3.9	2.4	4.2	37.2	8.2	42.7	-
3674	Solid state semiconductor devices.....	1	100.0	.6	2.2	1.0	8.9	16.1	13.5	57.7	-
3679	Miscellaneous electronic components and accessories.....	11	100.0	1.6	4.5	2.7	2.7	42.9	8.7	36.9	-
3699	Electrical machinery, equipment, and supplies, n.e.c.....	4	100.0	.3	1.7	2.3	2.1	18.9	7.3	67.4	-
3714	Motor vehicle parts and accessories....	10	100.0	2.3	1.5	4.1	6.5	13.6	15.7	56.3	-
38	Instruments, photographic goods, optical goods, watches, and clocks.....	39	100.0	2.1	7.9	3.6	3.5	17.6	14.9	50.4	-
39	Miscellaneous products of manufacturing	112	100.0	1.9	3.9	1.1	2.6	18.0	9.7	62.8	-
3999	Manufactured products, n.e.c.....	12	100.0	.1	5.4	.5	.5	6.2	10.9	76.4	-

¹Code letter indicates a sampling variability range as follows: a, 0-9 percent; b, 10-19 percent; c, 20-29 percent; and d, 30-50 percent. The variability for ton-miles has not been estimated.

TABLE 3. Percent Distribution of Commodities, by Geographic Division of Destination: 1967

TCC code	Commodity	Number	Percent distribution by geographic division ¹ of destination										Sampling variability code ³
			All means of transport	New England	Middle Atlantic	East North Central	West North Central	South Atlantic	East South Central	West South Central	Mountain	Pacific ²	
	TONS OF SHIPMENTS	(thous. of tons)											
	Massachusetts, total.....	12,033	100.0	51.9	24.1	9.3	1.7	5.8	1.6	2.0	0.3	3.3	-
20	Food and kindred products.....	2,294	100.0	60.0	25.5	5.3	.7	6.0	.3	.9	.1	1.2	b
201	Meat, poultry, and small game; fresh, chilled or frozen.....	268	100.0	64.8	29.5	3.4	.2	1.3	.2	.2	.1	.3	c
2013	Meat products.....	101	100.0	84.6	9.9	1.2	.5	1.8	.4	.6	.1	.9	d
203	Canned and preserved fruits, vegetables, and seafoods.....	531	100.0	41.4	28.3	11.2	.8	14.7	.6	2.0	.1	.9	d
207	Confectionery and related products....	169	100.0	28.0	23.6	17.0	3.4	14.7	.4	3.1	.1	9.7	d
2071	Confectionery and related products....	169	100.0	28.0	23.6	17.0	3.4	14.7	.4	3.1	.1	9.7	d
208	Beverages and flavoring extracts.....	394	100.0	74.4	15.5	3.2	1.5	3.4	.5	.4	.3	.8	d
22	Basic textiles.....	361	100.0	33.7	16.3	22.7	1.1	13.8	2.9	1.5	.8	7.2	c
228	Thread and yarn (cotton, wool, silk, and man-made fiber).....	23	100.0	28.7	40.5	6.3	.9	22.2	.5	.8	-	.1	c
2281	Yarn.....	23	100.0	28.7	40.5	6.3	.9	22.2	.5	.8	-	.1	c
229	Miscellaneous basic textiles.....	152	100.0	30.7	6.4	35.8	.5	20.3	3.7	.9	.1	1.6	d
2299	Miscellaneous basic textiles.....	13	100.0	16.7	24.7	15.9	4.5	8.6	4.2	9.2	1.4	14.8	d
23	Apparel, including knit apparel, and other finished textile products.....	53	100.0	33.3	28.8	16.8	2.6	8.5	2.3	3.9	1.0	2.8	c
231	Men's, youths', and boys' clothing....	8	100.0	49.5	22.4	9.1	3.3	6.0	4.0	2.2	1.1	2.4	d
2311	Men's, youths', and boys' clothing....	8	100.0	49.5	22.4	9.1	3.3	6.0	4.0	2.2	1.1	2.4	d
239	Miscellaneous fabricated textile products.....	22	100.0	35.6	21.7	23.4	3.0	6.5	3.0	2.3	1.8	2.7	d
24	Lumber and wood products, except furniture.....	37	100.0	51.4	24.6	10.1	1.2	8.7	1.9	1.2	-	.9	d
25	Furniture and fixtures.....	61	100.0	34.5	19.6	26.7	1.6	7.8	2.0	1.5	.5	5.8	d
251	Household and office furniture.....	48	100.0	32.9	21.8	26.6	1.3	7.9	2.2	1.9	.7	4.7	d
26	Pulp, paper, and allied products.....	1,855	100.0	46.1	28.8	10.1	3.0	6.4	1.4	1.9	.1	2.2	b
262	Paper (except building paper).....	521	100.0	20.8	39.3	21.8	3.9	4.7	2.2	3.9	.1	3.3	c
2621	Paper (except building paper).....	521	100.0	20.8	39.3	21.8	3.9	4.7	2.2	3.9	.1	3.3	c
263	Paperboard, fiberboard, and pulpboard (except insulating board).....	236	100.0	44.1	37.7	8.3	4.8	3.1	.1	.3	-	1.6	d
2631	Paperboard, fiberboard, and pulpboard (except insulating board).....	236	100.0	44.1	37.7	8.3	4.8	3.1	.1	.3	-	1.6	d
264	Converted paper and paperboard products (except containers and boxes)..	452	100.0	22.4	40.0	8.5	4.3	17.3	2.8	2.6	-	2.1	c
2642	Envelopes (except stationery).....	55	100.0	45.6	42.2	2.9	1.3	5.4	1.0	.7	.2	.7	c
2649	Miscellaneous converted paper products and paperboard products.....	84	100.0	32.2	39.2	4.1	.6	13.3	.5	5.4	-	4.7	c
265	Containers, boxes and related products, paperboard, fiberboard, and pulpboard	604	100.0	89.0	7.5	.9	.2	.9	.1	.1	-	1.3	c
28	Chemicals and allied products.....	2,128	100.0	51.7	28.2	8.4	.8	4.9	2.4	1.1	.2	2.3	c
282	Plastic materials and plasticizers, synthetic resins, rubbers, and fibers	764	100.0	31.5	42.5	13.3	.4	6.0	4.2	1.2	-	.9	c
2821	Plastic materials and plasticizers, synthetic resins, rubbers, and fibers	764	100.0	31.5	42.5	13.3	.4	6.0	4.2	1.2	-	.9	c
284	Soap and detergents, cleaning preparations, perfumes, cosmetics, and other toilet preparations.....	390	100.0	37.7	29.2	10.8	2.2	5.9	3.3	1.9	.7	8.3	c
285	Paints, varnishes, lacquers, enamels, and allied products.....	103	100.0	71.6	18.6	1.0	.4	7.7	.1	.1	.1	.4	c
2851	Paints, varnishes, lacquers, enamels, and allied products.....	103	100.0	71.6	18.6	1.0	.4	7.7	.1	.1	.1	.4	c
289	Miscellaneous chemical products.....	132	100.0	24.7	37.0	11.0	2.0	15.7	3.6	1.9	.4	3.7	c
2891	Glue and gelatin.....	86	100.0	21.6	29.0	16.0	1.1	11.4	5.4	1.7	.2	3.6	c

See footnotes at end of table.

TABLE 3. Percent Distribution of Commodities, by Geographic Division of Destination: 1967--Continued

TCC code	Commodity	Number	Percent distribution by geographic division ¹ of destination										Sampling variability code ³
			All means of transport	New England	Middle Atlantic	East North Central	West North Central	South Atlantic	East South Central	West South Central	Mountain	Pacific ²	
	TONS OF SHIPMENTS--Continued	(thous. of tons)											
30	Rubber and miscellaneous plastics products.....	525	100.0	28.3	29.4	20.1	2.8	7.5	1.6	3.7	0.2	6.4	d
302	Rubber footwear (including rubber and plastic combined).....	42	100.0	32.7	12.9	39.6	8.5	3.1	1.8	.7	.2	.5	d
3021	Rubber footwear (including rubber and plastic combined).....	42	100.0	32.7	12.9	39.6	8.5	3.1	1.8	.7	.2	.5	d
306	Miscellaneous fabricated rubber products.....	157	100.0	47.7	27.3	5.5	4.3	4.0	1.8	2.9	.2	6.3	d
3061	Miscellaneous fabricated rubber products.....	157	100.0	47.7	27.3	5.5	4.3	4.0	1.8	2.9	.2	6.3	d
307	Miscellaneous plastic products.....	213	100.0	22.4	26.4	22.7	2.0	7.8	1.1	6.5	.3	10.8	d
3071	Miscellaneous plastic products.....	213	100.0	22.4	26.4	22.7	2.0	7.8	1.1	6.5	.3	10.8	d
31	Leather and leather products.....	193	100.0	34.8	20.5	15.3	7.9	5.6	3.0	2.3	.9	9.7	c
311	Leather, tanned and finished.....	27	100.0	27.6	36.3	6.1	24.0	1.5	1.3	2.9	-	.3	c
3111	Leather, tanned and finished.....	27	100.0	27.6	36.3	6.1	24.0	1.5	1.3	2.9	-	.3	c
313	Boot and shoe cut stock and findings, all materials.....	59	100.0	50.1	13.8	18.7	6.0	6.5	3.7	.8	-	.4	d
3131	Boot and shoe cut stock and findings, all materials.....	59	100.0	50.1	13.8	18.7	6.0	6.5	3.7	.8	-	.4	d
314	Footwear (except rubber).....	85	100.0	32.2	19.2	15.2	4.0	5.6	2.7	2.6	1.0	17.5	d
3141	Footwear (except house slippers and rubber footwear).....	66	100.0	29.9	22.9	16.6	3.9	6.6	3.0	2.9	1.0	13.2	d
32	Stone, clay, and glass products.....	1,006	100.0	69.9	16.0	10.4	.3	1.8	.4	1.0	-	.2	d
33	Primary metal products.....	729	100.0	36.6	32.1	10.1	3.0	4.4	3.2	2.5	1.0	7.1	d
331	Steel works and rolling mill products.	403	100.0	43.5	37.0	10.1	1.5	1.8	.2	1.0	-	4.9	d
332	Iron and steel castings.....	77	100.0	51.6	7.9	6.7	2.9	9.8	20.6	.4	-	.1	d
3321	Iron and steel castings.....	77	100.0	51.6	7.9	6.7	2.9	9.8	20.6	.4	-	.1	d
335	Nonferrous metal basic shapes.....	177	100.0	14.2	26.8	11.6	7.4	8.8	3.6	7.3	4.0	16.3	c
3357	Nonferrous (including insulated wire).	121	100.0	12.1	21.8	12.4	7.3	8.3	4.4	10.4	1.0	22.3	d
339	Miscellaneous primary metal products..	46	100.0	36.7	37.0	13.8	.5	2.8	.4	2.3	.1	6.4	d
3391	Iron and steel forgings.....	36	100.0	46.1	26.0	16.6	.4	2.0	.4	2.3	-	6.2	d
34	Fabricated metal products.....	416	100.0	28.2	18.5	13.7	1.5	11.8	3.9	10.0	1.6	10.8	c
342	Cutlery, hand tools, and general hardware.....	148	100.0	3.3	18.2	20.6	1.4	4.8	4.7	20.8	.1	26.1	d
345	Bolts, nuts, screws, rivets, washers, and other industrial fasteners.....	9	100.0	17.2	18.7	22.5	6.2	16.8	6.7	2.6	3.1	6.2	c
3452	Bolts, nuts, screws, rivets, washers, and other industrial fasteners.....	9	100.0	17.2	18.7	22.5	6.2	16.8	6.7	2.6	3.1	6.2	c
35	Machinery, except electrical.....	248	100.0	22.2	21.2	19.6	5.1	15.6	4.0	6.1	.7	5.5	b
353	Construction, mining, and materials handling machinery and equipment.....	14	100.0	5.7	47.7	5.8	1.3	9.3	2.2	6.5	1.5	20.0	d
354	Metalworking machinery and equipment..	46	100.0	8.4	14.2	51.1	11.3	6.7	1.3	3.2	.4	3.4	d
355	Special industry machinery (except metalworking machinery).....	74	100.0	30.2	20.0	6.6	1.3	27.1	6.7	4.6	.2	3.3	d
3559	Miscellaneous special industry machinery.....	18	100.0	66.5	17.8	5.3	2.8	1.3	5.6	.6	-	.1	c
356	General industrial machinery and equipment.....	39	100.0	19.8	20.8	17.2	5.0	14.6	2.6	10.7	1.7	7.6	d
3566	Mechanical power transmission equipment, except ball and roller bearings	20	100.0	27.7	16.9	21.0	6.6	8.3	3.9	5.5	1.4	8.7	d
36	Electrical machinery and equipment....	322	100.0	10.3	24.3	20.5	6.8	12.0	2.4	3.5	2.3	17.9	c
3611	Electrical measuring instruments and test equipment.....	3	100.0	7.6	30.9	18.5	4.5	7.5	11.9	5.1	2.3	11.7	d

See footnotes at end of table.

TABLE 3. Percent Distribution of Commodities, by Geographic Division of Destination: 1967--Continued

TCC code	Commodity	Number	Percent distribution by geographic division ¹ of destination										Sampling variability code ³
			All means of transport	New England	Middle Atlantic	East North Central	West North Central	South Atlantic	East South Central	West South Central	Mountain	Pacific ²	
	TONS OF SHIPMENTS--Continued	(thous. of tons)											
362	Electrical industrial apparatus.....	33	100.0	7.7	50.5	23.4	2.7	3.9	1.8	7.0	0.3	2.7	c
3643	Current carrying wiring devices (including lightning rods).....	10	100.0	21.5	17.4	28.4	2.8	9.2	6.5	6.3	.4	7.5	d
365	Radio and television receiving sets (except communication types), phonographs and phonograph records.....	20	100.0	11.5	35.8	15.2	5.7	10.0	7.2	4.7	2.1	7.8	b
3651	Radio and television receiving sets (except communication types), and phonographs.....	20	100.0	11.5	35.8	15.2	5.7	10.0	7.2	4.7	2.1	7.8	b
367	Electronic components or accessories...	19	100.0	6.7	36.2	33.1	3.9	3.2	2.4	2.0	5.8	6.7	b
3674	Solid state semiconductor devices.....	1	100.0	21.0	32.0	5.5	7.8	2.5	10.2	8.7	1.6	10.7	c
3679	Miscellaneous electronic components and accessories.....	17	100.0	6.1	36.1	36.8	3.8	3.0	1.8	1.5	5.5	5.4	b
3699	Electrical machinery, equipment, and supplies, n.e.c.....	3	100.0	9.2	23.0	26.0	3.3	6.5	1.7	1.8	1.0	27.5	d
3714	Motor vehicle parts and accessories....	15	100.0	32.7	23.5	10.5	6.4	7.9	1.9	3.3	.3	13.5	d
38	Instruments, photographic goods, optical goods, watches, and clocks.....	81	100.0	38.1	31.6	6.3	3.3	6.6	1.9	5.8	.4	6.0	b
39	Miscellaneous products of manufacturing	155	100.0	30.6	21.7	6.7	2.4	5.8	8.1	15.4	1.0	8.3	d
3999	Manufactured products, n.e.c.....	12	100.0	2.7	32.4	5.7	1.4	7.5	1.0	43.7	.5	5.1	d
	TON-MILES OF SHIPMENTS	(millions of ton-miles)											
	Massachusetts, total.....	4,075	100.0	8.7	15.3	19.5	5.6	10.8	4.3	9.1	1.7	25.0	-
20	Food and kindred products.....	542	100.0	16.0	27.7	15.9	3.6	16.0	1.2	5.5	.8	13.3	-
201	Meat, poultry, and small game; fresh, chilled or frozen.....	45	100.0	27.2	42.4	16.6	1.3	3.7	1.1	1.9	.7	5.1	-
2013	Meat products.....	15	100.0	42.5	15.6	5.9	3.7	6.5	3.2	5.7	2.1	14.8	-
203	Canned and preserved fruits, vegetables, and seafoods.....	177	100.0	6.7	19.2	24.0	2.7	29.0	1.8	9.0	.6	7.0	-
207	Confectionery and related products....	106	100.0	2.6	10.3	17.1	7.0	15.2	.6	6.7	.2	40.3	-
2071	Confectionery and related products....	106	100.0	2.6	10.3	17.1	7.0	15.2	.6	6.7	.2	40.3	-
208	Beverages and flavoring extracts.....	74	100.0	28.8	16.0	12.8	9.2	12.3	2.5	2.7	3.4	12.3	-
22	Basic textiles.....	202	100.0	2.5	5.4	27.1	2.3	18.8	5.0	4.0	2.7	32.2	-
228	Thread and yarn (cotton, wool, silk, and man-made fiber).....	7	100.0	3.9	23.6	15.6	3.6	46.7	1.7	4.1	.2	.6	-
2281	Yarn.....	7	100.0	3.9	23.6	15.6	3.6	46.7	1.7	4.1	.2	.6	-
229	Miscellaneous basic textiles.....	79	100.0	2.5	2.7	43.8	1.1	31.4	7.1	2.8	.6	8.0	-
2299	Miscellaneous basic textiles.....	12	100.0	1.0	5.5	14.5	6.2	6.2	4.1	15.9	3.7	42.9	-
23	Apparel, including knit apparel, and other finished textile products.....	25	100.0	4.0	13.8	25.2	6.9	10.6	4.8	15.1	4.2	15.4	-
231	Men's, youths', and boys' clothing....	3	100.0	7.2	12.3	17.1	9.9	10.4	12.2	8.6	6.0	16.3	-
2311	Men's, youths', and boys' clothing....	3	100.0	7.2	12.3	17.1	9.9	10.4	12.2	8.6	6.0	16.3	-
239	Miscellaneous fabricated textile products.....	10	100.0	3.4	10.0	34.8	7.7	9.5	5.7	7.4	6.8	14.7	-
24	Lumber and wood products, except furniture.....	12	100.0	15.6	17.9	27.6	4.4	16.0	5.1	5.4	-	8.0	-
25	Furniture and fixtures.....	33	100.0	4.8	8.0	37.1	3.2	10.1	3.6	4.2	1.9	27.1	-
251	Household and office furniture.....	25	100.0	3.8	9.2	37.6	2.9	11.6	4.4	5.5	2.6	22.4	-
26	Pulp, paper, and allied products.....	591	100.0	7.9	17.1	22.0	10.2	12.4	4.1	8.5	.3	17.5	-
262	Paper (except building paper).....	242	100.0	2.4	15.5	32.4	9.0	5.6	4.8	12.0	.6	17.7	-
2621	Paper (except building paper).....	242	100.0	2.4	15.5	32.4	9.0	5.6	4.8	12.0	.6	17.7	-

See footnotes at end of table.

TABLE 3. Percent Distribution of Commodities, by Geographic Division of Destination: 1967--Continued

TCC code	Commodity	Number	Percent distribution by geographic division ¹ of destination										Sampling variability code ³
			All means of transport	New England	Middle Atlantic	East North Central	West North Central	South Atlantic	East South Central	West South Central	Mountain	Pacific ²	
	TON-MILES OF SHIPMENTS--Continued	(millions of ton-miles)											
263	Paperboard, fiberboard, and pulpboard (except insulating board).....	63	100.0	10.0	24.2	23.8	17.9	6.5	0.4	1.6	-	15.6	-
2631	Paperboard, fiberboard, and pulpboard (except insulating board).....	63	100.0	10.0	24.2	23.8	17.9	6.5	.4	1.6	-	15.6	-
264	Converted paper and paperboard products (except containers and boxes).....	193	100.0	3.9	18.5	13.5	11.4	25.1	5.7	8.6	0.2	13.1	-
2642	Envelopes (except stationery).....	11	100.0	14.7	29.2	10.1	6.4	19.8	3.9	5.2	2.2	8.5	-
2649	Miscellaneous converted paper products and paperboard products.....	36	100.0	6.6	20.3	5.9	1.4	16.1	1.2	18.6	.1	29.8	-
265	Containers, boxes and related products, paperboard, fiberboard, and pulpboard.	67	100.0	39.3	13.3	6.6	2.2	7.1	.5	1.0	-	30.0	-
28	Chemicals and allied products.....	624	100.0	12.5	20.2	20.4	2.8	10.2	7.1	5.8	1.0	20.0	-
282	Plastic materials and plasticizers, synthetic resins, rubbers, and fibers.	237	100.0	5.6	27.3	30.4	1.3	11.8	10.5	5.9	-	7.2	-
2821	Plastic materials and plasticizers, synthetic resins, rubbers, and fibers.	237	100.0	5.6	27.3	30.4	1.3	11.8	10.5	5.9	-	7.2	-
284	Soap and detergents, cleaning preparations, perfumes, cosmetics, and other toilet preparations.....	207	100.0	6.5	12.0	16.0	4.2	7.0	6.4	5.1	2.3	40.5	-
285	Paints, varnishes, lacquers, enamels, and allied products.....	20	100.0	23.7	29.6	3.8	3.2	32.5	.6	.9	.9	4.8	-
2851	Paints, varnishes, lacquers, enamels, and allied products.....	20	100.0	23.7	29.6	3.8	3.2	32.5	.6	.9	.9	4.8	-
289	Miscellaneous chemical products.....	63	100.0	3.8	20.2	17.5	4.9	17.5	7.8	6.0	1.9	20.4	-
2891	Glue and gelatin.....	45	100.0	3.3	15.4	23.4	2.5	20.9	10.6	5.1	1.0	17.8	-
30	Rubber and miscellaneous plastics products.....	291	100.0	2.4	11.2	28.4	5.7	8.8	2.8	10.4	.6	29.7	-
302	Rubber footwear (including rubber and plastic combined).....	23	100.0	2.6	6.1	60.9	17.6	4.3	3.0	2.1	.8	2.6	-
3021	Rubber footwear (including rubber and plastic combined).....	23	100.0	2.6	6.1	60.9	17.6	4.3	3.0	2.1	.8	2.6	-
306	Miscellaneous fabricated rubber products.....	66	100.0	5.3	13.5	9.9	11.7	5.4	4.0	9.7	.8	39.7	-
3061	Miscellaneous fabricated rubber products.....	66	100.0	5.3	13.5	9.9	11.7	5.4	4.0	9.7	.8	39.7	-
307	Miscellaneous plastic products.....	154	100.0	1.3	8.4	24.5	3.0	8.3	1.4	14.3	.7	38.1	-
3071	Miscellaneous plastic products.....	154	100.0	1.3	8.4	24.5	3.0	8.3	1.4	14.3	.7	38.1	-
31	Leather and leather products.....	125	100.0	3.6	7.8	18.3	13.1	5.3	4.5	5.3	3.1	39.0	-
311	Leather, tanned and finished.....	13	100.0	2.9	17.7	10.7	53.8	2.6	2.8	7.6	-	1.9	-
3111	Leather, tanned and finished.....	13	100.0	2.9	17.7	10.7	53.8	2.6	2.8	7.6	-	1.9	-
313	Boot and shoe cut stock and findings, all materials.....	23	100.0	11.8	8.7	39.2	16.8	9.2	8.8	2.9	-	2.6	-
3131	Boot and shoe cut stock and findings, all materials.....	23	100.0	11.8	8.7	39.2	16.8	9.2	8.8	2.9	-	2.6	-
314	Footwear (except rubber).....	67	100.0	2.0	6.7	14.4	5.3	4.3	3.3	5.1	2.5	56.4	-
3141	Footwear (except house slippers and rubber footwear).....	48	100.0	2.1	8.8	17.3	5.8	5.5	4.0	6.3	3.0	47.2	-
32	Stone, clay, and glass products.....	185	100.0	22.3	19.4	36.9	2.0	4.5	2.3	9.6	.1	2.9	-
33	Primary metal products.....	351	100.0	4.5	13.0	14.5	6.7	5.4	6.4	8.2	3.6	37.7	-
331	Steel works and rolling mill products..	136	100.0	7.5	20.4	21.2	5.1	2.1	.5	4.7	.1	38.4	-
332	Iron and steel castings.....	27	100.0	7.5	4.2	11.6	8.0	10.7	55.8	1.4	-	.8	-
3321	Iron and steel castings.....	27	100.0	7.5	4.2	11.6	8.0	10.7	55.8	1.4	-	.8	-
335	Nonferrous metal basic shapes.....	166	100.0	1.1	6.2	9.1	8.6	7.4	4.0	12.4	7.5	43.7	-
3357	Nonferrous wire (including insulated wire).....	131	100.0	.8	4.1	8.4	7.5	6.1	4.3	15.3	1.7	51.8	-

See footnotes at end of table.

TABLE 3. Percent Distribution of Commodities, by Geographic Division of Destination: 1967--Continued

TCC code	Commodity	Number	Percent distribution by geographic division ¹ of destination										Sampling variability code ³
			All means of transport	New England	Middle Atlantic	East North Central	West North Central	South Atlantic	East South Central	West South Central	Mountain	Pacific ²	
	TON-MILES OF SHIPMENTS--Continued	(millions of ton-miles)											
339	Miscellaneous primary metal products...	20	100.0	5.6	23.0	19.1	1.3	4.2	0.8	8.1	0.5	37.4	-
3391	Iron and steel forgings.....	15	100.0	7.1	19.8	23.2	1.0	3.1	.8	8.1	-	36.9	-
34	Fabricated metal products.....	309	100.0	2.0	5.4	13.4	2.2	9.7	5.5	20.7	3.8	37.3	-
342	Cutlery, hand tools, and general hardware.....	190	100.0	.2	3.1	11.9	1.3	2.4	4.1	25.1	.2	51.7	-
345	Bolts, nuts, screws, rivets, washers, and other industrial fasteners.....	7	100.0	1.5	6.7	20.3	10.1	16.0	8.9	5.7	8.6	22.2	-
3452	Bolts, nuts, screws, rivets, washers, and other industrial fasteners.....	7	100.0	1.5	6.7	20.3	10.1	16.0	8.9	5.7	8.6	22.2	-
35	Machinery, except electrical.....	163	100.0	1.8	7.1	21.6	9.2	16.6	6.1	13.8	2.2	21.6	-
353	Construction, mining, and materials handling machinery and equipment.....	13	100.0	.4	15.3	4.6	1.5	8.8	2.3	8.8	3.2	55.1	-
354	Metalworking machinery and equipment...	33	100.0	.7	4.1	51.6	18.7	3.5	1.6	6.7	1.0	12.1	-
355	Special industry machinery (except metalworking machinery).....	40	100.0	2.8	7.8	8.8	2.7	35.5	12.4	13.4	.8	15.8	-
3559	Miscellaneous special industry machinery.....	4	100.0	13.0	23.3	15.1	13.9	5.2	23.4	4.6	-	1.5	-
356	General industrial machinery and equipment.....	30	100.0	2.0	6.3	16.3	7.3	13.4	2.9	21.5	4.2	26.1	-
3566	Mechanical power transmission equipment, except ball and roller bearings.	14	100.0	2.4	5.3	23.0	10.2	7.9	4.4	10.9	3.6	32.3	-
36	Electrical machinery and equipment....	306	100.0	.8	5.6	15.7	7.9	8.7	2.5	5.7	4.4	48.7	-
3611	Electrical measuring instruments and test equipment.....	3	100.0	.8	8.5	14.8	5.7	6.7	13.7	9.4	5.2	35.2	-
362	Electrical industrial apparatus.....	18	100.0	1.0	16.4	36.7	5.1	4.6	2.8	19.3	1.1	13.0	-
3643	Current carrying wiring devices (including lightning rods).....	7	100.0	2.8	6.6	30.9	4.1	6.5	9.0	12.4	.9	26.8	-
365	Radio and television receiving sets (except communication types), phonographs, and phonograph records.....	15	100.0	1.3	10.3	14.5	9.6	10.5	10.2	10.0	5.7	27.9	-
3651	Radio and television receiving sets (except communication types), and phonographs.....	15	100.0	1.3	10.3	14.5	9.6	10.5	10.2	10.0	5.7	27.9	-
367	Electronic components or accessories...	13	100.0	.6	9.2	33.8	6.0	2.6	2.9	4.4	15.5	25.0	-
3674	Solid state semiconductor devices.....	1	100.0	.7	11.4	5.4	11.1	2.5	10.7	18.0	3.9	36.3	-
3679	Miscellaneous electronic components and accessories.....	11	100.0	.6	8.7	40.1	6.2	2.5	2.4	3.4	15.0	21.1	-
3699	Electrical machinery, equipment, and supplies, n.e.c.....	4	100.0	.7	5.0	16.9	3.3	4.8	1.6	2.5	1.9	63.3	-
3714	Motor vehicle parts and accessories....	10	100.0	3.0	9.2	9.6	11.0	5.8	2.9	7.3	.9	50.3	-
38	Instruments, photographic goods, optical goods, watches, and clocks.....	39	100.0	2.3	12.8	10.0	8.1	9.8	4.3	18.6	1.6	32.5	-
39	Miscellaneous products of manufacturing	112	100.0	2.1	6.3	6.4	3.7	5.4	10.1	32.6	2.4	31.0	-
3999	Manufactured products, n.e.c.....	12	100.0	.1	1.0	11.3	1.5	7.2	.9	66.3	.9	12.8	-

¹For States included in the geographic divisions, see map on inside cover.²Shipments to Alaska and Hawaii from the 48 conterminous States and the District of Columbia are included; no data were obtained for shipments originating in Alaska and Hawaii.³Code letter indicates a sampling variability range as follows: a, 0-9 percent; b, 10-19 percent; c, 20-29 percent; and d, 30-50 percent. The variability for ton-miles has not been estimated.

MICHIGAN

SUMMARY

The estimates of tons and ton-miles are based on reports from a sample of manufacturing establishments located in the State of Michigan. The total tons and ton-miles represent the total intercity shipments by essentially all manufacturing establishments in the State, except for plants with less than 20 employees. However, since the data are based on a sample, the estimates necessarily are subject to "sampling variability."

The approximate degree of sampling variability for tons for each commodity or commodity class is indicated in the last column of tables 1 to 3. In general, most of the commodity data in this report are subject to substantial sampling variability and should be treated as approximate rather than precise measures.

About 56.5 million tons of commodities were shipped by plants in this area to destinations beyond the local area. These shipments gener-

ated 18.5 billion ton-miles by all means of transport combined, and averaged about 327 straight-line miles per ton shipped.

Table B indicates that 34 percent of the tons moved less than 100 miles but that mileage block accounts for only 5 percent of the ton-miles.

Rail and motor carrier are the dominant means of transport, accounting for 47 percent and 37 percent, respectively, of the total tons. When measured in terms of ton-miles rather than tons, their positions remain the same with rail accounting for 68 percent and motor carrier accounting for 25 percent of the total ton-miles.

As shown in table C, about 71 percent of the total tons shipped by plants in Michigan remained in the North Central Region. However, for some commodity groups (such as Furniture and Fixtures, Machinery, except Electrical and Miscellaneous Products of Manufacturing) a countrywide distribution is indicated.

Table A. PERCENT DISTRIBUTION OF SHIPMENTS, AND AVERAGE LENGTH OF HAUL, BY MEANS OF TRANSPORT

Means of transport	Tons	Ton-miles	Average length of haul
	(thou-sands)	(millions)	(miles)
All commodities.....	56,513	18,472	-
ALL COMMODITIES	Percent distribu-tion		
All means of transport.....	100.0	100.0	327
Rail.....	46.8	67.7	473
Motor carrier.....	37.0	25.4	224
Private truck.....	13.9	4.8	113
Air.....	.1	.3	-
Water.....	1.8	1.5	-
All other.....	.4	.3	-

Note: Average length of haul is based on straight-line miles from plant to customer or primary redistribution point, weighted by tonnage shipped (i.e., ton-miles divided by tons). Rail short-line and highway direct-route distances average about 24 and 21 percent, respectively, longer than straight-line distances.

Table B. PERCENT DISTRIBUTION OF SHIPMENTS BY DISTANCE OF SHIPMENT

Distance shipped	Tons	Ton-miles
ALL COMMODITIES		
All distances.....	100.0	100.0
Under 100 miles.....	34.3	4.8
100 to 199 miles.....	16.1	7.1
200 to 299 miles.....	16.4	12.0
300 to 499 miles.....	13.7	17.3
500 to 999 miles.....	13.0	25.6
1,000 to 1,499 miles.....	2.5	9.1
1,500 miles and over.....	4.0	24.1

Table C. PERCENT DISTRIBUTION OF TONS OF COMMODITIES BY REGION OF DESTINATION

TCC code	Commodity class	Tons (thousands)	Percent distribution by region ¹ of destination				
			All des-tinations	North-east	North Central	South	West
	Total.....	² 56,513	100.0	12.5	71.3	11.5	4.7
20	Food and kindred products.....	5,615	100.0	17.9	70.8	7.1	4.2
23	Apparel, including knit apparel, and other finished textile products.....	177	100.0	16.1	58.3	19.3	6.3
24	Lumber and wood products, except furniture.....	930	100.0	4.5	89.3	2.5	3.7
25	Furniture and fixtures.....	390	100.0	23.0	28.0	28.8	20.2
26	Pulp, paper, and allied products.....	2,711	100.0	11.8	73.5	12.7	2.0
28	Chemicals and allied products.....	7,700	100.0	24.6	58.8	14.9	1.7
29	Petroleum and coal products.....	1,834	100.0	5.9	91.7	2.4	-
30	Rubber and miscellaneous plastics products.....	426	100.0	9.9	75.6	13.2	1.3
32	Stone, clay, and glass products.....	6,825	100.0	5.0	86.0	8.7	0.3
33	Primary metal products.....	8,414	100.0	9.2	80.9	6.6	3.3
34	Fabricated metal products.....	3,698	100.0	4.5	77.0	12.6	5.9
35	Machinery, except electrical.....	1,637	100.0	14.1	51.2	13.9	20.8
36	Electrical machinery and equipment.....	577	100.0	16.8	60.5	12.7	9.0
37	Transportation equipment.....	13,016	100.0	13.8	59.2	18.3	7.7
38	Instruments, photographic goods, optical goods, watches, and clocks.....	33	100.0	24.0	39.4	7.5	29.1
39	Miscellaneous products of manufacturing.....	164	100.0	13.1	43.3	22.2	21.4

¹See map on inside cover for areas included in the regions of the United States.

²Total includes commodities not shown separately.

TABLE 1. Percent Distribution of Commodities, by Means of Transport: 1967

TCC code	Commodity	Number	Percent distribution by means of transport								Sampling variability code ¹
			All means of transport	Rail	Motor carrier	Private truck	Air	Water	Other	Unknown	
	TONS OF SHIPMENTS	(thousands of tons)									
	Michigan, total.....	56,513	100.0	46.8	37.0	13.9	0.1	1.8	0.2	0.2	-
20	Food and kindred products.....	5,615	100.0	44.8	22.8	32.3	-	-	-	.1	b
203	Canned and preserved fruits, vegetables, and seafoods.....	955	100.0	41.5	33.0	25.5	-	-	-	-	d
208	Beverages and flavoring extracts.....	1,332	100.0	4.7	16.3	78.9	-	.1	-	-	c
23	Apparel, including knit apparel, and other finished textile products.....	177	100.0	78.9	14.5	4.1	1.5	-	1.0	-	b
239	Miscellaneous fabricated textile products.....	173	100.0	80.6	13.9	4.1	1.4	-	-	-	b
24	Lumber and wood products, except furniture.....	930	100.0	16.8	15.9	67.3	-	-	-	-	d
249	Miscellaneous wood products.....	386	100.0	14.9	36.8	48.2	.1	-	-	-	d
2499	Wood products, n.e.c.....	344	100.0	16.8	41.4	41.7	.1	-	-	-	d
25	Furniture and fixtures.....	390	100.0	48.5	40.1	11.2	.1	.1	-	-	b
251	Household and office furniture.....	130	100.0	18.8	75.1	6.0	-	.1	-	-	c
2517	Cabinets and cases.....	43	100.0	13.3	77.5	9.1	-	-	.1	-	d
253	Public building and related furniture..	224	100.0	69.3	17.4	13.1	.2	-	-	-	b
2531	Public building and related furniture..	224	100.0	69.3	17.4	13.1	.2	-	-	-	b
259	Miscellaneous furniture and fixtures...	27	100.0	20.2	59.6	20.2	-	-	-	-	b
26	Pulp, paper, and allied products.....	2,711	100.0	47.8	31.3	20.7	-	-	-	.2	b
262	Paper (except building paper).....	1,204	100.0	61.0	34.8	4.2	-	-	-	-	b
2621	Paper (except building paper).....	1,204	100.0	61.0	34.8	4.2	-	-	-	-	b
263	Paperboard, fiberboard, and pulpboard (except insulating board).....	503	100.0	45.4	28.0	26.1	-	-	-	.5	b
2631	Paperboard, fiberboard, and pulpboard (except insulating board).....	503	100.0	45.4	28.0	26.1	-	-	-	.5	b
265	Containers, boxes and related products, paperboard, fiberboard, and pulpboard.	631	100.0	19.2	29.7	50.6	-	-	-	.5	c
2651	Containers, boxes, baskets, pallets and skids, paperboard, fiberboard, and pulpboard.....	493	100.0	15.7	24.4	59.3	-	-	-	.6	c
28	Chemicals and allied products.....	7,700	100.0	61.9	26.7	10.8	.1	-	-	.5	d
281	Industrial chemicals.....	6,310	100.0	68.7	18.4	12.4	-	-	-	.5	d
2812	Basic inorganic chemical compounds (including chlorine, potassium, and sodium compounds).....	4,803	100.0	74.4	11.2	13.7	-	-	-	.7	d
2815	Dyes and dye (cyclic) intermediates and organic pigments (lakes and toners)...	89	100.0	69.0	23.5	7.5	-	-	-	-	c
283	Drugs (biological products, medicinal chemicals, botanical products and pharmaceutical preparations).....	58	100.0	31.8	60.9	-	6.5	.4	.4	-	b
2831	Drugs (biological products, medicinal chemicals, botanical products and pharmaceutical preparations).....	58	100.0	31.8	60.9	-	6.5	.4	.4	-	b
284	Soap and detergents, cleaning preparations, perfumes, cosmetics, and other toilet preparations.....	203	100.0	18.8	76.3	4.9	-	-	-	-	d
2842	Specialty cleaning, polishing, and sanitation preparations (except soap and detergents).....	166	100.0	22.9	71.0	6.1	-	-	-	-	d
285	Paints, varnishes, lacquers, enamels, and allied products.....	216	100.0	14.8	79.8	4.7	.2	-	.2	.3	c
2851	Paints, varnishes, lacquers, enamels, and allied products.....	216	100.0	14.8	79.8	4.7	.2	-	.2	.3	c
289	Miscellaneous chemical products.....	344	100.0	25.3	67.2	6.4	.1	.2	-	.8	d
2899	Chemical products, n.e.c.....	341	100.0	25.5	66.9	6.5	.1	.2	-	.8	d
29	Petroleum and coal products.....	1,834	100.0	31.3	38.9	28.9	-	-	-	.9	d
291	Products of petroleum refining.....	860	100.0	9.2	41.0	47.9	-	-	-	1.9	d
2911	Products of petroleum refining (except liquefied petroleum gases and petroleum coke and breeze).....	801	100.0	5.6	43.7	48.7	-	-	-	2.0	d

See footnote at end of table.

TABLE 1. Percent Distribution of Commodities, by Means of Transport: 1967--Continued

TCC code	Commodity	Number	Percent distribution by means of transport								Sampling variability code ¹
			All means of transport	Rail	Motor carrier	Private truck	Air	Water	Other	Unknown	
	TONS OF SHIPMENTS--Continued	(thousands of tons)									
30	Rubber and miscellaneous plastics products.....	426	100.0	46.9	50.9	1.8	0.2	0.1	-	0.1	b
307	Miscellaneous plastic products.....	126	100.0	27.9	65.0	5.9	.5	.3	0.1	.3	c
3071	Miscellaneous plastic products.....	126	100.0	27.9	65.0	5.9	.5	.3	.1	.3	c
32	Stone, clay, and glass products.....	6,825	100.0	34.1	45.3	5.9	-	14.7	-	-	d
321	Flat glass.....	78	100.0	70.3	15.1	12.0	-	-	2.6	-	c
3211	Flat glass.....	78	100.0	70.3	15.1	12.0	-	-	2.6	-	c
327	Concrete, gypsum, plaster, and plaster products.....	1,057	100.0	6.9	68.2	24.9	-	-	-	-	d
3271	Concrete products.....	625	100.0	.6	57.3	42.1	-	-	-	-	d
33	Primary metal products.....	8,414	100.0	36.0	54.8	9.1	-	-	.1	-	b
331	Steel works and rolling mill products..	5,609	100.0	46.9	52.3	.8	-	-	-	-	a
3312	Primary iron and steel products (except coke-oven products).....	5,530	100.0	46.5	52.9	.6	-	-	-	-	a
332	Iron and steel castings.....	1,281	100.0	13.6	42.4	43.2	-	-	.8	-	c
3321	Iron and steel castings.....	1,281	100.0	13.6	42.4	43.2	-	-	.8	-	c
336	Nonferrous and nonferrous base alloy castings.....	149	100.0	1.0	57.5	40.2	.9	-	.4	-	d
3369	Miscellaneous nonferrous metal castings	132	100.0	-	53.0	45.4	1.1	-	.5	-	d
339	Miscellaneous primary metal products...	38.2	100.0	5.0	72.1	22.9	-	-	-	-	d
3391	Iron and steel forgings.....	342	100.0	3.2	73.7	23.1	-	-	-	-	d
3399	Primary metal products, n.e.c.....	29	100.0	27.4	53.9	18.6	-	-	.1	-	d
34	Fabricated metal products.....	3,698	100.0	14.4	59.5	25.0	.4	-	.6	.1	c
3429	Miscellaneous hardware.....	76	100.0	29.6	67.3	-	2.9	-	.2	-	d
343	Plumbing fixtures and heating apparatus (except electric).....	74	100.0	11.3	73.5	14.8	.2	-	.2	-	d
3441	Structural metal products.....	194	100.0	20.3	12.8	66.8	-	-	-	.1	d
345	Bolts, nuts, screws, rivets, washers, and other industrial fasteners.....	228	100.0	-	94.9	4.5	.2	-	.4	-	c
3452	Bolts, nuts, screws, rivets, washers, and other industrial fasteners.....	228	100.0	-	94.9	4.5	.2	-	.4	-	c
346	Metal stampings.....	1,951	100.0	19.1	62.5	17.5	.5	-	.3	.1	d
3461	Metal stampings.....	1,951	100.0	19.1	62.5	17.5	.5	-	.3	.1	d
349	Miscellaneous fabricated metal products	200	100.0	9.7	77.5	10.6	1.1	.1	1.0	-	c
3491	Metal barrels, drums, kegs, and pails..	16	100.0	-	81.8	18.2	-	-	-	-	d
3494	Valves and pipe fittings (except plumbers' brass goods and fittings).....	14	100.0	4.5	81.2	10.9	1.9	-	1.5	-	d
3499	Fabricated metal products, n.e.c.....	84	100.0	6.6	76.0	14.0	1.8	.1	1.5	-	d
35	Machinery, except electrical.....	1,637	100.0	29.3	52.1	16.2	.4	-	1.8	.2	c
352	Farm machinery and equipment.....	121	100.0	31.2	56.0	12.6	-	-	.2	-	d
3522	Farm machinery and equipment.....	121	100.0	31.2	56.0	12.6	-	-	.2	-	d
353	Construction, mining, and materials handling machinery and equipment.....	264	100.0	29.2	54.6	16.0	-	-	.2	-	c
3535	Conveyors and conveying equipment (except hoists and farm elevators)....	13	100.0	3.3	96.4	.3	-	-	-	-	b
354	Metalworking machinery and equipment...	239	100.0	2.5	80.6	7.0	.4	-	9.5	-	c
3541	Machine tools, metal cutting types....	64	100.0	4.4	87.8	5.1	.4	-	2.3	-	d
3544	Special dies and tools, die sets, jigs, fixtures, and industrial molds and patterns.....	101	100.0	3.2	71.4	6.1	.3	-	19.0	-	c
3545	Machine tool accessories, measuring tools, and measuring devices.....	14	100.0	-	78.1	4.6	2.6	-	14.6	.1	d
3548	Metalworking machinery (except machine tools).....	6	100.0	-	95.7	4.3	-	-	-	-	c
358	Service industry machines.....	191	100.0	5.6	61.8	32.1	-	-	.5	-	c
3585	Refrigerators and refrigeration machinery (except household), and complete air-conditioning units.....	191	100.0	5.6	61.8	32.1	-	-	.5	-	c

See footnote at end of table.

TABLE 1. Percent Distribution of Commodities, by Means of Transport: 1967--Continued

TCC code	Commodity	Number	Percent distribution by means of transport								Sampling variability code ¹
			All means of transport	Rail	Motor carrier	Private truck	Air	Water	Other	Unknown	
	TONS OF SHIPMENTS--Continued	(thousands of tons)									
36	Electrical machinery and equipment.....	577	100.0	23.1	61.7	13.4	0.5	0.7	0.6	-	a
362	Electrical industrial apparatus.....	210	100.0	7.6	83.5	8.3	.1	-	.5	-	d
363	Household appliances.....	156	100.0	72.1	27.8	.1	-	-	-	-	b
364	Electric lighting and wiring equipment.	17	100.0	.1	98.8	-	.6	-	.5	-	d
366	Communication equipment.....	12	100.0	22.6	65.7	9.0	1.7	-	1.0	-	c
3662	Radio and television transmitting, signaling, and detection equipment and apparatus.....	11	100.0	24.3	63.6	9.7	1.3	-	1.1	-	c
37	Transportation equipment.....	13,016	100.0	63.0	30.8	5.8	.3	-	.1	-	a
371	Motor vehicles and motor vehicle equipment.....	12,876	100.0	63.4	30.7	5.5	.3	-	.1	-	a
3711	Motor vehicles	4,790	100.0	54.7	44.2	1.0	-	.1	-	-	a
3714	Motor vehicle parts and accessories....	8,079	100.0	68.6	22.7	8.2	.4	-	.1	-	a
374	Railroad equipment.....	41	100.0	87.1	12.2	-	-	-	.7	-	b
3742	Railroad and street cars.....	41	100.0	87.1	12.2	-	-	-	.7	-	b
38	Instruments, photographic goods, optical goods, watches, and clocks.....	33	100.0	1.4	79.7	3.4	2.5	.1	12.9	-	d
39	Miscellaneous products of manufacturing	164	100.0	13.8	66.4	2.3	.1	.3	-	17.1	c
	TON-MILES OF SHIPMENTS	(millions of ton-miles)									
	Michigan, total.....	18,472	100.0	67.7	25.4	4.8	.3	1.5	.2	.1	-
20	Food and kindred products.....	1,611	100.0	75.5	13.6	10.8	-	.1	-	-	-
203	Canned and preserved fruits, vegetables, and seafoods.....	377	100.0	69.2	20.9	9.9	-	-	-	-	-
208	Beverages and flavoring extracts.....	171	100.0	14.4	24.3	60.6	-	.6	-	.1	-
23	Apparel, including knit apparel, and other finished textile products.....	77	100.0	84.1	6.5	4.4	3.1	-	1.9	-	-
239	Miscellaneous fabricated textile products.....	75	100.0	86.8	5.9	4.6	2.7	-	-	-	-
24	Lumber and wood products, except furniture.....	241	100.0	47.6	10.0	42.4	-	-	-	-	-
249	Miscellaneous wood products.....	98	100.0	47.3	22.2	30.4	.1	-	-	-	-
2499	Wood products, n.e.c.....	95	100.0	49.0	23.0	27.9	.1	-	-	-	-
25	Furniture and fixtures.....	304	100.0	64.5	29.4	5.6	.2	.3	-	-	-
251	Household and office furniture.....	86	100.0	28.9	68.1	2.4	-	.6	-	-	-
2517	Cabinets and cases.....	26	100.0	29.6	68.6	1.8	-	-	-	-	-
253	Public building and related furniture..	187	100.0	83.6	8.8	7.1	.3	.2	-	-	-
2531	Public building and related furniture..	187	100.0	83.6	8.8	7.1	.3	.2	-	-	-
259	Miscellaneous furniture and fixtures...	21	100.0	35.0	59.5	5.5	-	-	-	-	-
26	Pulp, paper, and allied products.....	812	100.0	64.9	24.2	10.7	-	-	-	.2	-
262	Paper (except building paper).....	419	100.0	68.7	26.5	4.8	-	-	-	-	-
2621	Paper (except building paper).....	419	100.0	68.7	26.5	4.8	-	-	-	-	-
263	Paperboard, fiberboard, and pulpboard (except insulating board).....	114	100.0	68.2	15.8	15.8	-	-	-	.2	-
2631	Paperboard, fiberboard, and pulpboard (except insulating board).....	114	100.0	68.2	15.8	15.8	-	-	-	.2	-
265	Containers, boxes and related products, paperboard, fiberboard, and pulpboard.	141	100.0	53.4	24.9	21.3	.1	-	-	.3	-
2651	Containers, boxes, baskets, pallets and skids, paperboard, fiberboard, and pulpboard.....	87	100.0	53.7	22.3	23.5	.1	-	-	.4	-
28	Chemicals and allied products.....	2,755	100.0	78.0	17.5	4.2	.1	-	-	.2	-
281	Industrial chemicals.....	2,154	100.0	83.8	10.9	5.0	-	-	-	.3	-
2812	Basic inorganic chemical compounds (including chlorine, potassium, and sodium compounds).....	1,476	100.0	86.7	6.7	6.2	-	-	-	.4	-

See footnote at end of table.

TABLE 1. Percent Distribution of Commodities, by Means of Transport: 1967--Continued

TCC code	Commodity	Number	Percent distribution by means of transport								Sampling variability code
			All means of transport	Rail	Motor carrier	Private truck	Air	Water	Other	Unknown	
	TON-MILES OF SHIPMENTS--Continued	(millions of ton-miles)									
2815	Dyes and dye (cyclic) intermediates and organic pigments (lakes and toners)...	55	100.0	79.7	15.6	4.7	-	-	-	-	-
283	Drugs (biological products, medicinal chemicals, botanical products and pharmaceutical preparations).....	33	100.0	59.4	33.6	-	6.1	0.3	0.5	0.1	-
2831	Drugs (biological products, medicinal chemicals, botanical products and pharmaceutical preparations).....	33	100.0	59.4	33.6	-	6.1	.3	.5	.1	-
284	Soap and detergents, cleaning preparations, perfumes, cosmetics, and other toilet preparations.....	87	100.0	49.0	48.8	2.2	-	-	-	-	-
2842	Specialty cleaning, polishing, and sanitation preparations (except soap and detergents).....	74	100.0	57.0	40.4	2.6	-	-	-	-	-
285	Paints, varnishes, lacquers, enamels, and allied products.....	78	100.0	23.5	72.1	3.6	.3	-	.4	.1	-
2851	Paints, varnishes, lacquers, enamels, and allied products.....	78	100.0	23.5	72.1	3.6	.3	-	.4	.1	-
289	Miscellaneous chemical products.....	101	100.0	48.5	48.8	1.8	.1	.3	-	.5	-
2899	Chemical products, n.e.c.....	100	100.0	48.8	48.5	1.8	.1	.3	-	.5	-
29	Petroleum and coal products.....	184	100.0	46.2	30.1	23.1	-	-	-	.6	-
291	Products of petroleum refining.....	75	100.0	27.5	33.3	37.8	-	-	-	1.4	-
2911	Products of petroleum refining (except liquefied petroleum gases and petroleum coke and breeze).....	54	100.0	9.8	44.6	43.7	-	-	-	1.9	-
30	Rubber and miscellaneous plastics products.....	126	100.0	47.3	52.1	.2	.3	-	-	.1	-
307	Miscellaneous plastic products.....	44	100.0	45.2	53.0	.4	1.0	-	.1	.3	-
3071	Miscellaneous plastic products.....	44	100.0	45.2	53.0	.4	1.0	-	.1	.3	-
32	Stone, clay, and glass products.....	1,184	100.0	58.8	17.8	1.9	-	21.2	.2	.1	-
321	Flat glass.....	39	100.0	77.9	12.2	4.8	-	-	5.1	-	-
3211	Flat glass.....	39	100.0	77.9	12.2	4.8	-	-	5.1	-	-
327	Concrete, gypsum, plaster, and plaster products.....	93	100.0	24.7	60.8	14.5	-	-	-	-	-
3271	Concrete products.....	30	100.0	7.1	47.7	45.2	-	-	-	-	-
33	Primary metal products.....	2,148	100.0	44.5	52.0	3.3	.1	-	.1	-	-
331	Steel works and rolling mill products..	891	100.0	60.3	39.5	.2	-	-	-	-	-
3312	Primary iron and steel products (except coke-oven products).....	881	100.0	60.0	39.8	.2	-	-	-	-	-
332	Iron and steel castings.....	182	100.0	15.7	54.8	28.7	-	-	.8	-	-
3321	Iron and steel castings.....	182	100.0	15.7	54.8	28.7	-	-	.8	-	-
336	Nonferrous and nonferrous base alloy castings.....	40	100.0	1.1	77.4	18.7	2.6	-	.2	-	-
3369	Miscellaneous nonferrous metal castings	35	100.0	-	75.7	21.2	2.9	-	.2	-	-
339	Miscellaneous primary metal products...	66	100.0	7.6	87.0	5.3	-	-	.1	-	-
3391	Iron and steel forgings.....	55	100.0	7.2	89.1	3.6	-	-	.1	-	-
3399	Primary metal products, n.e.c.....	9	100.0	11.5	75.5	12.8	-	-	.2	-	-
34	Fabricated metal products.....	1,100	100.0	28.4	62.7	6.5	.9	-	1.5	-	-
3429	Miscellaneous hardware.....	22	100.0	42.0	48.8	-	8.9	-	.3	-	-
343	Plumbing fixtures and heating apparatus (except electric).....	41	100.0	19.9	64.5	15.3	.1	-	.2	-	-
3441	Structural metal products.....	20	100.0	30.4	16.0	53.6	-	-	-	-	-
345	Bolts, nuts, screws, rivets, washers, and other industrial fasteners,.....	42	100.0	-	97.6	1.2	.9	-	.3	-	-
3452	Bolts, nuts, screws, rivets, washers, and other industrial fasteners.....	42	100.0	-	97.6	1.2	.9	-	.3	-	-
346	Metal stampings.....	498	100.0	40.7	55.1	3.2	.9	-	.1	-	-
3461	Metal stampings.....	498	100.0	40.7	55.1	3.2	.9	-	.1	-	-

See footnote at end of table.

TABLE 1. Percent Distribution of Commodities, by Means of Transport: 1967--Continued

TCC code	Commodity	Number	Percent distribution by means of transport								Sampling variability code ¹
			All means of transport	Rail	Motor carrier	Private truck	Air	Water	Other	Unknown	
	TON-MILES OF SHIPMENTS--Continued	(millions of ton-miles)									
349	Miscellaneous fabricated metal products	61	100.0	12.1	75.6	4.9	5.4	0.8	1.2	-	-
3491	Metal barrels, drums, kegs, and pails..	2	100.0	-	88.3	11.7	-	-	-	-	-
3494	Valves and pipe fittings (except plumbers' brass tools and fittings).....	4	100.0	9.8	83.1	2.1	3.1	-	1.8	0.1	-
3499	Fabricated metal products, n.e.c.....	35	100.0	9.0	73.2	6.7	8.0	1.4	1.7	-	-
35	Machinery, except electrical.....	1,044	100.0	63.2	30.9	4.6	.6	.1	.6	-	-
352	Farm machinery and equipment.....	51	100.0	47.1	48.7	3.7	-	.4	.1	-	-
3522	Farm machinery and equipment.....	51	100.0	47.1	48.7	3.7	-	.4	.1	-	-
353	Construction, mining, and materials handling machinery and equipment.....	119	100.0	40.4	53.6	5.7	.1	-	.2	-	-
3535	Conveyors and conveying equipment (except hoists and farm elevators)....	6	100.0	2.7	97.1	-	.1	-	.1	-	-
354	Metalworking machinery and equipment...	60	100.0	3.1	87.9	4.1	1.2	-	3.7	-	-
3541	Machine tools, metal cutting types.....	13	100.0	13.8	78.2	2.8	1.2	-	3.9	.1	-
3544	Special dies and tools, die sets, jigs, fixtures, and industrial molds and patterns.....	22	100.0	.2	92.1	1.5	1.2	-	5.0	-	-
3545	Machine tool accessories, measuring tools, and measuring devices.....	5	100.0	-	81.0	1.1	6.0	-	11.9	-	-
3548	Metalworking machinery (except machine tools).....	2	100.0	-	99.1	.9	-	-	-	-	-
358	Service industry machines.....	67	100.0	6.8	65.5	26.3	-	-	1.4	-	-
3585	Refrigerators and refrigeration machinery (except household), and complete air-conditioning units.....	67	100.0	6.8	65.5	26.3	-	-	1.4	-	-
36	Electrical machinery and equipment.....	260	100.0	33.4	61.1	2.9	1.2	.9	.5	-	-
362	Electrical industrial apparatus.....	103	100.0	6.4	91.4	1.6	.2	-	.4	-	-
363	Household appliances.....	92	100.0	83.5	16.5	-	-	-	-	-	-
364	Electric lighting and wiring equipment.	4	100.0	1.3	95.2	-	1.7	-	1.8	-	-
366	Communication equipment.....	7	100.0	30.7	58.9	2.5	7.0	-	.9	-	-
3662	Radio and television transmitting, signaling, and detection equipment and apparatus.....	6	100.0	31.8	57.7	2.6	7.0	-	.9	-	-
37	Transportation equipment.....	6,220	100.0	83.2	14.3	1.6	.4	.4	.1	-	-
371	Motor vehicles and motor vehicle equipment.....	6,180	100.0	83.4	14.2	1.5	.4	.4	.1	-	-
3711	Motor vehicles.....	2,552	100.0	81.7	16.2	1.0	-	1.0	.1	-	-
3714	Motor vehicle parts and accessories....	3,625	100.0	84.7	12.7	1.8	.7	-	.1	-	-
374	Railroad equipment.....	13	100.0	85.8	12.4	-	-	-	1.8	-	-
3742	Railroad and street cars.....	13	100.0	85.8	12.4	-	-	-	1.8	-	-
38	Instruments, photographic goods, optical goods, watches, and clocks.....	26	100.0	.6	86.7	.2	2.6	.3	9.6	-	-
39	Miscellaneous products of manufacturing	137	100.0	23.6	70.7	1.2	.1	1.4	-	3.0	-

¹Code letter indicates a sampling variability range as follows: a, 0-9 percent; b, 10-19 percent; c, 20-29 percent; and d, 30-50 percent. The variability for ton-miles has not been estimated.

TABLE 2. Percent Distribution of Commodities, by Distance of Shipment: 1967

TCC code	Commodity	Number	Percent distribution by distance of shipment								Sampling variability code ¹
			All distances	Under 100 miles	100 to 199 miles	200 to 299 miles	300 to 499 miles	500 to 999 miles	1,000 to 1,499 miles	1,500 miles or over	
	TONS OF SHIPMENTS	(thousands of tons)									
	Michigan, total.....	56,513	100.0	34.3	16.1	16.4	13.7	13.0	2.5	4.0	-
20	Food and kindred products.....	5,615	100.0	35.4	21.3	12.9	10.3	15.9	2.1	2.1	b
203	Canned and preserved fruits, vegetables, and seafoods.....	955	100.0	12.8	26.4	15.3	20.2	19.1	1.6	4.6	d
208	Beverages and flavoring extracts.....	1,332	100.0	59.2	27.7	7.8	2.6	2.5	.1	.1	c
23	Apparel, including knit apparel, and other finished textile products.....	177	100.0	28.9	7.3	9.3	21.5	26.3	.4	6.3	b
239	Miscellaneous fabricated textile products.....	173	100.0	29.5	7.2	9.3	21.6	26.1	-	6.3	b
24	Lumber and wood products, except furniture.....	930	100.0	28.0	24.7	29.6	7.1	6.8	.1	3.7	d
249	Miscellaneous wood products.....	386	100.0	34.9	21.3	24.6	10.1	4.6	.2	4.3	d
2499	Wood products, n.e.c.....	344	100.0	27.0	23.9	27.6	11.3	5.1	.3	4.8	d
25	Furniture and fixtures.....	390	100.0	7.8	9.5	5.3	6.8	46.8	5.9	17.9	b
251	Household and office furniture.....	130	100.0	12.6	10.2	7.1	10.4	41.6	8.0	10.1	c
2517	Cabinets and cases.....	43	100.0	21.9	10.7	3.9	6.9	45.0	.5	11.1	d
253	Public building and related furniture..	224	100.0	4.1	7.6	4.7	4.7	53.5	5.3	20.1	b
2531	Public building and related furniture..	224	100.0	4.1	7.6	4.7	4.7	53.5	5.3	20.1	b
259	Miscellaneous furniture and fixtures...	27	100.0	12.4	21.5	3.1	8.5	24.8	2.1	27.6	b
26	Pulp, paper, and allied products.....	2,711	100.0	27.3	21.6	14.4	16.5	17.9	1.0	1.3	b
262	Paper (except building paper).....	1,204	100.0	24.1	15.7	14.4	23.0	19.3	1.3	2.2	b
2621	Paper (except building paper).....	1,204	100.0	24.1	15.7	14.4	23.0	19.3	1.3	2.2	b
263	Paperboard, fiberboard, and pulpboard (except insulating board).....	503	100.0	22.4	38.0	19.1	10.1	10.0	-	.4	b
2631	Paperboard, fiberboard, and pulpboard (except insulating board).....	503	100.0	22.4	38.0	19.1	10.1	10.0	-	.4	b
265	Containers, boxes and related products, paperboard, fiberboard and pulpboard..	631	100.0	46.9	22.0	5.5	4.4	19.6	1.4	.2	c
2651	Containers, boxes, baskets, pallets and skids, paperboard, fiberboard and pulpboard.....	493	100.0	56.7	20.2	3.5	2.3	16.3	1.0	-	c
28	Chemicals and allied products.....	7,700	100.0	15.7	17.8	20.2	25.6	15.8	3.5	1.4	d
281	Industrial chemicals.....	6,310	100.0	13.9	19.8	20.7	27.3	14.5	2.9	.9	d
2812	Basic inorganic chemical compounds (including chlorine, potassium, and sodium compounds).....	4,803	100.0	14.6	19.7	21.5	27.8	15.4	.7	.3	d
2815	Dyes and dye (cyclic) intermediates and organic pigments (lakes and toners)...	89	100.0	3.8	6.1	3.3	18.1	55.4	12.3	1.0	c
283	Drugs (biological products, medicinal chemicals, botanical products and pharmaceutical preparations).....	58	100.0	10.1	19.9	9.2	26.1	20.5	1.7	12.5	b
2831	Drugs (biological products, medicinal chemicals, botanical products and pharmaceutical preparations).....	58	100.0	10.1	19.9	9.2	26.1	20.5	1.7	12.5	b
284	Soap and detergents, cleaning preparations, perfumes, cosmetics, and other toilet preparations.....	203	100.0	25.8	16.1	20.2	7.4	21.0	.9	8.6	d
2842	Specialty cleaning, polishing, and sanitation preparations (except soap and detergents).....	166	100.0	22.4	19.7	23.1	7.7	15.8	1.0	10.3	d
285	Paints, varnishes, lacquers, enamels, and allied products.....	216	100.0	28.8	4.3	12.7	29.8	21.1	1.7	1.6	c
2851	Paints, varnishes, lacquers, enamels, and allied products.....	216	100.0	28.8	4.3	12.7	30.3	21.1	1.7	1.1	c
289	Miscellaneous chemical products.....	344	100.0	42.3	4.8	17.8	12.6	16.2	5.6	.7	c
2899	Chemical products, n.e.c.....	341	100.0	42.7	4.8	17.1	12.6	16.4	5.7	.7	c
29	Petroleum and coal products.....	1,834	100.0	70.2	17.0	8.2	3.1	1.4	.1	-	c
291	Products of petroleum refining.....	860	100.0	76.6	15.0	3.2	3.8	1.3	.3	-	c
2911	Products of petroleum refining (except liquefied petroleum gases and petroleum coke and breeze.....	801	100.0	80.3	15.9	3.1	.1	.5	.1	-	c

See footnote at end of table.

TABLE 2. Percent Distribution of Commodities, by Distance of Shipment: 1967--Continued

TCC code	Commodity	Number	Percent distribution by distance of shipment								Sampling variability code ¹
			All distances	Under 100 miles	100 to 199 miles	200 to 299 miles	300 to 499 miles	500 to 999 miles	1,000 to 1,499 miles	1,500 miles or over	
	TONS OF SHIPMENTS--Continued	(thousands of tons)									
30	Rubber and miscellaneous plastics products.....	426	100.0	39.9	9.2	8.0	21.4	18.1	2.1	1.3	b
307	Miscellaneous plastic products.....	126	100.0	30.7	6.3	15.4	20.7	23.6	.3	3.0	c
3071	Miscellaneous plastic products.....	126	100.0	30.7	6.3	15.4	20.7	23.6	.3	3.0	c
32	Stone, clay, and glass products.....	6,825	100.0	53.3	16.9	13.5	8.3	6.3	1.5	.2	d
321	Flat glass.....	78	100.0	13.7	3.9	14.7	48.1	9.8	2.9	6.9	c
3211	Flat glass.....	78	100.0	13.7	3.9	14.7	48.1	9.8	2.9	6.9	c
327	Concrete, gypsum, plaster, and plaster products.....	1,057	100.0	61.0	30.0	5.5	3.2	.3	-	-	d
3271	Concrete products.....	625	100.0	84.5	13.2	1.3	.4	.6	-	-	d
33	Primary metal products.....	8,414	100.0	40.6	15.0	27.7	6.4	4.7	2.3	3.3	b
331	Steel works and rolling mill products..	5,609	100.0	45.8	13.7	33.6	4.5	1.7	-	.7	a
3312	Primary iron and steel products (except coke-oven products).....	5,530	100.0	45.7	13.1	34.1	4.6	1.7	-	.8	a
332	Iron and steel castings.....	1,281	100.0	48.6	20.7	22.8	6.1	1.7	.1	-	c
3321	Iron and steel castings.....	1,281	100.0	48.6	20.7	22.8	6.1	1.7	.1	-	c
336	Nonferrous and nonferrous base alloy castings.....	149	100.0	26.4	45.8	6.5	6.0	11.2	.1	4.0	d
3369	Miscellaneous nonferrous metal castings	132	100.0	25.4	49.2	4.6	5.9	10.6	-	4.3	d
339	Miscellaneous primary metal products...	382	100.0	38.9	29.3	18.4	8.3	5.1	-	-	d
3391	Iron and steel forgings.....	342	100.0	41.8	28.7	17.7	8.8	3.0	-	-	d
3399	Primary metal products, n.e.c.....	29	100.0	6.8	41.7	18.0	2.7	30.8	-	-	d
34	Fabricated metal products.....	3,698	100.0	37.5	20.6	12.1	11.7	11.2	4.3	2.6	c
3429	Miscellaneous hardware.....	76	100.0	46.4	15.0	5.9	16.9	11.3	.5	4.0	d
343	Plumbing fixtures and heating apparatus (except electric).....	74	100.0	2.9	15.9	8.0	25.6	35.2	7.8	4.6	d
3441	Structural metal products.....	194	100.0	48.4	44.5	3.1	2.7	1.3	-	-	d
345	Bolts, nuts, screws, rivets, washers, and other industrial fasteners.....	228	100.0	51.1	11.8	21.1	10.0	4.6	.8	.6	c
3452	Bolts, nuts, screws, rivets, washers, and other industrial fasteners.....	228	100.0	51.1	11.8	21.1	10.0	4.6	.8	.6	c
346	Metal stampings.....	1,951	100.0	37.6	20.4	14.7	13.6	11.0	.1	2.6	d
3461	Metal stampings.....	1,951	100.0	37.7	20.4	14.7	13.6	11.0	-	2.6	d
349	Miscellaneous fabricated metal products	200	100.0	35.2	22.2	10.5	11.7	17.0	.4	3.0	c
3491	Metal barrels, drums, kegs, and pails..	16	100.0	31.1	40.9	27.0	.5	.5	-	-	d
3494	Valves and pipe fittings (except plumbers' brass goods and fittings).....	14	100.0	32.4	20.1	17.1	11.3	15.3	.9	2.9	d
3499	Fabricated metal products, n.e.c.....	84	100.0	25.6	12.7	15.8	15.4	24.2	.3	6.0	d
35	Machinery, except electrical.....	1,637	100.0	17.9	19.5	9.8	10.0	20.4	1.9	20.5	c
352	Farm machinery and equipment.....	121	100.0	14.9	10.5	20.2	21.9	26.8	4.8	.9	d
3522	Farm machinery and equipment.....	121	100.0	14.9	10.5	20.2	21.9	26.8	4.8	.9	d
353	Construction, mining, and materials handling machinery and equipment.....	264	100.0	34.3	8.3	8.1	11.7	26.6	3.5	7.5	c
3535	Conveyors and conveying equipment (except hoists and farm elevators)....	13	100.0	13.7	19.4	12.3	33.5	10.3	10.7	.1	b
354	Metalworking machinery and equipment...	239	100.0	37.3	13.9	20.4	11.5	15.4	.3	1.2	c
3541	Machine tools, metal cutting types.....	64	100.0	47.7	6.2	23.3	11.2	11.3	.1	.2	d
3544	Special dies and tools, die sets, jigs, fixtures, and industrial molds and patterns.....	101	100.0	36.1	19.5	22.6	16.0	3.6	.2	2.0	c
3545	Machine tool accessories, measuring tools, and measuring devices.....	14	100.0	23.3	16.0	32.9	9.5	11.8	1.7	4.8	d
3548	Metalworking machinery (except machine tools).....	6	100.0	33.2	10.3	10.8	21.2	21.0	2.9	.6	c
358	Service industry machines.....	191	100.0	11.2	33.6	13.8	7.1	31.7	1.3	1.3	c
3585	Refrigerators and refrigeration machinery (except household), and complete air-conditioning units.....	191	100.0	11.2	33.6	13.8	7.1	31.7	1.3	1.3	c

See footnote at end of table.

TABLE 2. Percent Distribution of Commodities, by Distance of Shipment: 1967--Continued

TCC code	Commodity	Number	Percent distribution by distance of shipment								Sampling variability code ¹
			All distances	Under 100 miles	100 to 199 miles	200 to 299 miles	300 to 499 miles	500 to 999 miles	1,000 to 1,499 miles	1,500 miles or over	
	TONS OF SHIPMENTS--Continued	(thousands of tons)									
36	Electrical machinery and equipment.....	577	100.0	21.8	15.0	16.4	13.3	23.6	3.5	6.4	a
362	Electrical industrial apparatus.....	210	100.0	16.7	13.8	24.1	13.0	20.9	1.8	9.7	d
363	Household appliances.....	156	100.0	6.6	20.5	8.4	13.7	34.4	8.7	7.7	b
364	Electric lighting and wiring equipment.....	17	100.0	46.3	19.5	16.8	11.3	4.0	.4	1.7	d
366	Communication equipment.....	12	100.0	20.3	10.0	7.1	22.1	30.2	.6	9.7	c
3662	Radio and television transmitting, signaling, and detection equipment and apparatus.....	11	100.0	21.9	9.9	1.5	23.3	32.3	.6	10.5	c
37	Transportation equipment.....	13,016	100.0	23.8	10.2	14.7	19.9	19.8	3.3	8.3	a
371	Motor vehicles and motor vehicle equipment.....	12,876	100.0	23.9	10.1	14.6	19.9	19.9	3.3	8.3	a
3711	Motor vehicles.....	4,790	100.0	12.6	12.7	17.6	20.4	22.8	6.1	7.8	a
3714	Motor vehicle parts and accessories....	8,079	100.0	30.4	8.5	12.9	19.6	18.2	1.7	8.7	a
374	Railroad equipment.....	41	100.0	1.3	28.8	39.5	18.4	7.5	1.5	3.0	b
3742	Railroad and street cars.....	41	100.0	1.3	28.8	39.5	18.4	7.5	1.5	3.0	b
38	Instruments, photographic goods, optical goods, watches, and clocks.....	33	100.0	23.8	5.5	7.9	15.4	17.3	1.2	28.9	d
39	Miscellaneous products of manufacturing	164	100.0	7.1	28.3	2.6	11.6	17.4	1.8	31.2	c
	TON-MILES OF SHIPMENTS	(millions of ton-miles)									
	Michigan, total.....	18,472	100.0	4.8	7.1	12.0	17.3	25.6	9.1	24.1	-
20	Food and kindred products.....	1,611	100.0	7.8	10.3	11.0	14.2	34.0	8.4	14.3	-
203	Canned and preserved fruits, vegetables, and seafoods.....	377	100.0	2.3	9.9	9.8	19.0	32.1	5.0	21.9	-
208	Beverages and flavoring extracts.....	171	100.0	29.8	32.0	14.2	7.9	13.0	.8	2.3	-
23	Apparel, including knit apparel, and other finished textile products.....	77	100.0	2.5	2.1	5.3	22.3	38.2	1.1	28.5	-
239	Miscellaneous fabricated textile products.....	75	100.0	2.6	2.1	5.4	22.8	38.2	-	28.9	-
24	Lumber and wood products, except furniture.....	241	100.0	6.3	14.0	27.0	10.4	15.9	.5	25.9	-
249	Miscellaneous wood products.....	98	100.0	8.0	12.6	21.8	14.6	11.1	1.2	30.7	-
2499	Wood products, n.e.c.....	95	100.0	4.7	13.0	22.6	15.1	11.5	1.2	31.9	-
25	Furniture and fixtures.....	304	100.0	.6	1.7	1.7	3.5	40.3	9.1	43.1	-
251	Household and office furniture.....	86	100.0	1.4	2.2	2.7	6.4	44.2	14.0	29.1	-
2517	Cabinets and cases.....	26	100.0	2.4	2.8	1.6	4.9	52.9	.9	34.5	-
253	Public building and related furniture..	187	100.0	.3	1.3	1.4	2.2	42.4	7.9	44.5	-
2531	Public building and related furniture..	187	100.0	.3	1.3	1.4	2.2	42.4	7.9	44.5	-
259	Miscellaneous furniture and fixtures...	21	100.0	.3	4.1	1.2	4.3	20.4	3.1	66.6	-
26	Pulp, paper, and allied products.....	812	100.0	5.1	10.1	11.6	21.8	39.4	4.0	8.0	-
262	Paper (except building paper).....	419	100.0	4.4	6.7	10.0	26.5	36.3	4.3	11.8	-
2621	Paper (except building paper).....	419	100.0	4.4	6.7	10.0	26.5	36.3	4.3	11.8	-
263	Paperboard, fiberboard, and pulpboard (except insulating board).....	114	100.0	5.1	23.4	19.9	16.2	31.9	-	3.5	-
2631	Paperboard, fiberboard, and pulpboard (except insulating board).....	114	100.0	5.1	23.4	19.9	16.2	31.9	-	3.5	-
265	Containers, boxes and related products, paperboard, fiberboard, and pulpboard.	141	100.0	10.1	11.9	5.7	7.4	55.5	7.5	1.9	-
2651	Containers, boxes, baskets, pallets and skids, paperboard, fiberboard, and pulpboard.....	87	100.0	15.0	13.7	4.8	5.1	54.2	6.9	.3	-
28	Chemicals and allied products.....	2,755	100.0	2.2	7.6	13.4	29.1	27.5	12.4	7.8	-
281	Industrial chemicals.....	2,154	100.0	2.1	8.9	14.5	32.5	25.7	11.0	5.3	-
2812	Basic inorganic chemical compounds (including chlorine, potassium, and sodium compounds).....	1,476	100.0	2.5	10.0	16.7	36.3	30.0	2.5	2.0	-

See footnote at end of table.

TABLE 2. Percent Distribution of Commodities, by Distance of Shipment: 1967--Continued

TCC code	Commodity	Number	Percent distribution by distance of shipment								Sampling variability code ¹
			All distances	Under 100 miles	100 to 199 miles	200 to 299 miles	300 to 499 miles	500 to 999 miles	1,000 to 1,499 miles	1,500 miles or over	
	TON-MILES OF SHIPMENTS--Continued	(millions of ton-miles)									
2815	Dyes and dye (cyclic) intermediates and organic pigments (lakes and toners)...	55	100.0	0.6	1.6	1.3	11.9	57.9	23.6	3.1	-
283	Drugs (biological products, medicinal chemicals, botanical products and pharmaceutical preparations).....	33	100.0	1.6	5.3	3.5	20.9	24.1	3.3	41.3	-
2831	Drugs (biological products, medicinal chemicals, botanical products and pharmaceutical preparations).....	33	100.0	1.6	5.3	3.5	20.9	24.1	3.3	41.3	-
284	Soap and detergents, cleaning preparations, perfumes, cosmetics, and other toilet preparations.....	87	100.0	3.3	5.6	10.9	7.3	31.9	2.5	38.5	-
2842	Specialty cleaning, polishing, and sanitation preparations (except soap and detergents).....	74	100.0	2.6	6.6	11.9	7.3	25.2	2.7	43.7	-
285	Paints, varnishes, lacquers, enamels, and allied products.....	78	100.0	4.6	1.8	8.7	34.3	37.4	5.0	8.2	-
2851	Paints, varnishes, lacquers, enamels, and allied products.....	78	100.0	4.6	1.8	8.7	34.3	37.4	5.0	8.2	-
289	Miscellaneous chemical products.....	101	100.0	3.7	2.3	14.0	16.9	35.2	22.9	5.0	-
2899	Chemical products, n.e.c.....	100	100.0	3.7	2.3	13.5	16.9	35.6	23.0	5.0	-
29	Petroleum and coal products.....	184	100.0	33.8	24.8	18.4	12.7	8.5	1.5	.3	-
291	Products of petroleum refining.....	75	100.0	40.7	22.2	8.0	17.1	8.4	3.6	-	-
2911	Products of petroleum refining (except liquefied petroleum gases and petroleum coke and breeze).....	54	100.0	53.2	30.1	9.9	.5	4.4	1.9	-	-
30	Rubber and miscellaneous plastics products.....	126	100.0	7.1	4.4	6.6	29.5	36.3	7.6	8.5	-
307	Miscellaneous plastic products.....	44	100.0	3.5	2.6	11.0	25.3	39.5	1.1	17.0	-
3071	Miscellaneous plastic products.....	44	100.0	3.5	2.6	11.0	25.3	39.5	1.1	17.0	-
32	Stone, clay, and glass products.....	1,184	100.0	11.5	13.8	19.6	18.7	23.2	11.4	1.8	-
321	Flat glass.....	39	100.0	1.9	1.2	8.4	41.2	13.5	7.0	26.8	-
3211	Flat glass.....	39	100.0	1.9	1.2	8.4	41.2	13.5	7.0	26.8	-
327	Concrete, gypsum, plaster, and plaster products.....	93	100.0	23.7	44.1	15.9	14.0	2.3	-	-	-
3271	Concrete products.....	30	100.0	50.2	33.3	6.0	3.4	7.1	-	-	-
33	Primary metal products.....	2,148	100.0	7.2	8.6	24.6	10.3	13.0	11.2	25.1	-
331	Steel works and rolling mill products..	891	100.0	13.0	12.3	47.0	12.6	7.4	.1	7.6	-
3312	Primary iron and steel products (except coke-oven products).....	881	100.0	13.0	11.8	47.6	12.7	7.2	-	7.7	-
332	Iron and steel castings.....	182	100.0	16.1	22.2	38.8	15.7	6.3	.5	.4	-
3321	Iron and steel castings.....	182	100.0	16.1	22.2	38.7	15.8	6.3	.5	.4	-
336	Nonferrous and nonferrous base alloy castings.....	40	100.0	5.8	22.7	6.0	9.5	26.6	.3	29.1	-
3369	Miscellaneous nonferrous metal castings	35	100.0	5.2	24.2	4.2	9.4	25.2	.1	31.7	-
339	Miscellaneous primary metal products...	66	100.0	8.6	27.2	27.3	19.4	17.1	-	.4	-
3391	Iron and steel forgings.....	55	100.0	10.0	29.2	28.1	22.2	10.1	-	.4	-
3399	Primary metal products, n.e.c.....	9	100.0	.9	19.2	14.9	3.3	61.4	-	.3	-
34	Fabricated metal products.....	1,100	100.0	5.5	8.9	10.2	16.0	24.7	17.7	17.0	-
3429	Miscellaneous hardware.....	22	100.0	8.3	8.1	4.8	25.7	24.0	2.0	27.1	-
343	Plumbing fixtures and heating apparatus (except electric).....	41	100.0	.4	3.8	3.6	18.3	41.9	16.0	16.0	-
3441	Structural metal products.....	20	100.0	26.4	49.6	7.9	8.7	7.4	-	-	-
345	Bolts, nuts, screws, rivets, washers, and other industrial fasteners.....	42	100.0	13.2	9.0	28.5	21.5	16.2	4.7	6.9	-
3452	Bolts, nuts, screws, rivets, washers, and other industrial fasteners.....	42	100.0	13.2	9.0	28.5	21.5	16.2	4.7	6.9	-
346	Metal stampings.....	498	100.0	5.0	10.0	14.7	21.8	28.3	.3	19.9	-
3461	Metal stampings.....	498	100.0	5.0	10.0	14.7	21.8	28.3	.3	19.9	-

See footnote at end of table.

TABLE 2. Percent Distribution of Commodities, by Distance of Shipment: 1967--Continued

TCC code	Commodity	Number	Percent distribution by distance of shipment								Sampling variability code ¹
			All distances	Under 100 miles	100 to 199 miles	200 to 299 miles	300 to 499 miles	500 to 999 miles	1,000 to 1,499 miles	1,500 miles or over	
	TON-MILES OF SHIPMENTS--Continued	(millions of ton-miles)									
349	Miscellaneous fabricated metal products	61	100.0	6.1	10.9	8.7	16.2	36.0	1.6	20.5	-
3491	Metal barrels, drums, kegs, and pails..	2	100.0	5.8	41.8	49.5	1.2	1.7	-	-	-
3494	Valves and pipe fittings (except plumbers' brass goods and fittings).....	4	100.0	6.3	8.3	15.0	15.6	32.7	3.3	18.8	-
3499	Fabricated metal products, n.e.c.....	35	100.0	3.3	4.2	8.9	15.5	37.4	.9	29.8	-
35	Machinery, except electrical.....	1,044	100.0	1.2	4.3	3.7	6.4	20.9	3.6	59.9	-
352	Farm machinery and equipment.....	51	100.0	2.3	4.0	11.7	20.8	42.6	14.2	4.4	-
3522	Farm machinery and equipment.....	51	100.0	2.3	4.0	11.7	20.8	42.6	14.2	4.4	-
353	Construction, mining, and materials handling machinery and equipment.....	119	100.0	2.9	2.6	4.2	10.8	38.2	9.0	32.3	-
3535	Conveyors and conveying equipment (except hoists and farm elevators)....	6	100.0	2.1	6.9	7.4	30.5	21.7	31.0	.4	-
354	Metalworking machinery and equipment...	60	100.0	6.0	7.6	19.3	20.5	36.2	1.3	9.1	-
3541	Machine tools, metal cutting types.....	13	100.0	8.3	4.8	27.9	22.8	33.6	.7	1.9	-
3544	Special dies and tools, die sets, jigs, fixtures, and industrial molds and patterns.....	22	100.0	5.7	11.1	23.0	33.4	9.3	1.0	16.5	-
3545	Machine tool accessories, measuring tools, and measuring devices.....	5	100.0	3.4	6.9	22.5	11.0	20.9	5.9	29.4	-
3548	Metalworking machinery (except machine tools).....	2	100.0	6.7	6.0	7.9	29.9	36.9	9.0	3.6	-
358	Service industry machines.....	67	100.0	2.4	11.9	10.2	8.2	55.5	4.7	7.1	-
3585	Refrigerators and refrigeration machinery (except household), and complete air-conditioning units.....	67	100.0	2.4	11.9	10.2	8.2	55.5	4.7	7.1	-
36	Electrical machinery and equipment.....	260	100.0	2.7	5.1	8.5	12.3	34.9	9.6	26.9	-
362	Electrical industrial apparatus.....	103	100.0	1.8	4.6	11.2	11.0	28.2	4.7	38.5	-
363	Household appliances.....	92	100.0	.4	5.0	3.5	9.2	39.9	18.1	23.9	-
364	Electric lighting and wiring equipment.	4	100.0	11.1	13.6	19.5	24.2	13.2	2.5	15.9	-
366	Communication equipment.....	7	100.0	2.1	2.5	3.2	19.0	32.4	1.2	39.6	-
3662	Radio and television transmitting, signaling, and detection equipment and apparatus.....	6	100.0	2.2	2.3	.6	19.2	33.4	1.2	41.1	-
37	Transportation equipment.....	6,220	100.0	2.2	3.2	7.6	17.9	26.6	7.9	34.6	-
371	Motor vehicles and motor vehicle equipment.....	6,180	100.0	2.2	3.2	7.5	17.9	26.6	8.0	34.6	-
3711	Motor vehicles.....	2,552	100.0	1.2	3.6	7.9	16.0	28.7	13.3	29.3	-
3714	Motor vehicle parts and accessories....	3,625	100.0	2.9	2.9	7.2	19.2	25.1	4.2	38.5	-
374	Railroad equipment.....	13	100.0	.2	13.3	27.3	21.8	14.8	4.9	17.7	-
3742	Railroad and street cars.....	13	100.0	.2	13.3	27.4	21.8	14.8	4.9	17.6	-
38	Instruments, photographic goods, optical goods, watches, and clocks.....	26	100.0	1.2	1.1	2.3	8.2	14.2	1.7	71.3	-
39	Miscellaneous products of manufacturing	137	100.0	.4	4.7	.8	5.1	14.9	2.6	71.5	-

¹Code letter indicates a sampling variability range as follows: a, 0-9 percent; b, 10-19 percent; c, 20-29 percent; and d, 30-50 percent. The variability for ton-miles has not been estimated.

TABLE 3. Percent Distribution of Commodities, by Geographic Division of Destination: 1967

TCC code	Commodity	Number	Percent distribution by geographic division ¹ of destination										Sampling variability code ³
			All means of transport	New England	Middle Atlantic	East North Central	West North Central	South Atlantic	East South Central	West South Central	Mountain	Pacific ²	
	TONS OF SHIPMENTS	(thous. of tons)											
	Michigan, total.....	56,513	100.0	2.5	10.0	66.2	5.1	6.4	2.4	2.7	0.8	3.9	-
20	Food and kindred products.....	5,615	100.0	5.0	12.9	66.8	4.0	4.1	1.9	1.1	2.1	2.1	b
203	Canned and preserved fruits, vegetables, and seafoods.....	955	100.0	2.4	14.9	55.6	7.5	7.3	3.0	3.1	1.6	4.6	d
208	Beverages and flavoring extracts.....	1,332	100.0	.4	1.5	93.1	1.5	2.2	.6	.4	.1	.2	c
23	Apparel, including knit apparel, and other finished textile products.....	177	100.0	.4	15.7	45.7	12.6	10.4	5.6	3.3	-	6.3	b
239	Miscellaneous fabricated textile products.....	173	100.0	.1	15.7	46.0	12.8	10.4	5.6	3.1	-	6.3	b
24	Lumber and wood products, except furniture.....	930	100.0	.6	3.9	87.0	2.3	1.8	.6	.1	-	3.7	d
249	Miscellaneous wood products.....	386	100.0	.6	1.7	89.7	2.0	1.0	.5	.2	-	4.3	d
2499	Wood products, n.e.c.....	344	100.0	.7	1.9	88.3	2.2	1.2	.6	.2	-	4.9	d
25	Furniture and fixtures.....	390	100.0	3.6	19.4	22.8	5.2	15.2	6.3	7.3	3.3	16.9	b
251	Household and office furniture.....	130	100.0	1.6	15.3	30.9	3.9	19.4	5.3	10.7	2.9	10.0	c
2517	Cabinets and cases.....	43	100.0	1.1	9.7	37.5	2.9	32.2	5.0	.2	.5	10.9	d
253	Public building and related furniture..	224	100.0	5.1	22.5	16.4	6.1	13.8	7.6	5.9	4.1	18.5	b
2531	Public building and related furniture..	224	100.0	5.1	22.5	16.4	6.1	13.8	7.6	5.9	4.1	18.5	b
259	Miscellaneous furniture and fixtures...	27	100.0	2.5	15.6	33.9	5.5	9.4	1.5	4.0	-	27.6	b
26	Pulp, paper, and allied products.....	2,711	100.0	2.8	9.0	67.2	6.3	7.6	3.3	1.8	.8	1.2	b
262	Paper (except building paper).....	1,204	100.0	4.1	11.0	61.6	5.7	10.1	2.7	1.6	1.1	2.1	b
2621	Paper (except building paper).....	1,204	100.0	4.1	11.0	61.6	5.7	10.1	2.7	1.6	1.1	2.1	b
263	Paperboard, fiberboard, and pulpboard (except insulating board).....	503	100.0	1.3	4.3	83.7	2.1	2.8	4.7	.7	-	.4	b
2631	Paperboard, fiberboard, and pulpboard (except insulating board).....	503	100.0	1.3	4.3	83.7	2.1	2.8	4.7	.7	-	.4	b
265	Containers, boxes and related products, paperboard, fiberboard, and pulpboard.	631	100.0	.6	5.1	74.0	10.3	3.7	2.5	2.6	1.0	.2	c
2651	Containers, boxes, baskets, pallets and skids, paperboard, fiberboard, and pulpboard.....	493	100.0	.8	1.4	79.7	11.8	2.1	2.6	1.0	.6	-	c
28	Chemicals and allied products.....	7,700	100.0	5.3	19.3	55.0	3.8	7.5	3.6	3.8	.4	1.3	d
281	Industrial chemicals.....	6,310	100.0	6.2	20.5	55.8	2.9	7.7	2.9	2.9	.3	.8	d
2812	Basic inorganic chemical compounds (including chlorine, potassium, and sodium compounds).....	4,803	100.0	7.2	18.4	58.9	3.2	8.5	2.8	.7	-	.3	d
2815	Dyes and dye (cyclic) intermediates and organic pigments (lakes and toners)...	89	100.0	.4	40.1	13.0	9.7	11.2	.1	12.5	12.1	.9	c
283	Drugs (biological products, medicinal chemicals, botanical products and pharmaceutical preparations).....	58	100.0	2.0	33.2	35.8	2.7	4.0	7.0	2.1	.7	12.5	b
2831	Drugs (biological products, medicinal chemicals, botanical products and pharmaceutical preparations).....	58	100.0	2.0	33.2	35.8	2.7	4.0	7.0	2.1	.7	12.5	b
284	Soap and detergents, cleaning preparations, perfumes, cosmetics, and other toilet preparations.....	203	100.0	3.5	4.9	60.5	9.3	1.2	6.4	4.9	.7	8.6	d
2842	Specialty cleaning, polishing, and sanitation preparations (except soap and detergents).....	166	100.0	4.2	5.8	63.1	1.8	1.4	6.8	5.8	.8	10.3	d
285	Paints, varnishes, lacquers, enamels, and allied products.....	216	100.0	2.1	14.2	50.4	14.0	10.3	4.9	2.4	.1	1.6	c
2851	Paints, varnishes, lacquers, enamels, and allied products.....	216	100.0	2.1	14.2	50.4	14.0	10.3	4.9	2.4	.1	1.6	c
289	Miscellaneous chemical products.....	344	100.0	.6	12.6	67.3	2.9	4.6	5.5	5.6	.2	.7	d
2899	Chemical products, n.e.c.....	341	100.0	.6	12.7	67.0	2.9	4.6	5.6	5.7	.2	.7	d
29	Petroleum and coal products.....	1,834	100.0	.2	5.7	91.4	.3	1.8	.5	.1	-	-	d
291	Products of petroleum refining.....	860	100.0	.3	2.0	93.8	.3	3.2	.1	.3	-	-	d
2911	Products of petroleum refining (except liquefied petroleum gases and petroleum coke and breeze).....	801	100.0	.1	1.7	97.6	.3	.1	.1	.1	-	-	d

See footnotes at end of table.

TABLE 3. Percent Distribution of Commodities, by Geographic Division of Destination: 1967--Continued

TCC code	Commodity	Number	Percent distribution by geographic division ¹ of destination										Sampling variability code ³
			All means of transport	New England	Middle Atlantic	East North Central	West North Central	South Atlantic	East South Central	West South Central	Mountain	Pacific ²	
	TONS OF SHIPMENTS--Continued	(thous. of tons)											
30	Rubber and miscellaneous plastics products.....	426	100.0	3.3	6.6	59.7	15.9	5.8	4.5	2.9	0.1	1.2	b
307	Miscellaneous plastic products.....	126	100.0	4.6	15.4	53.4	11.5	8.3	3.4	.4	-	3.0	c
3071	Miscellaneous plastic products.....	126	100.0	4.6	15.4	53.4	11.5	8.3	3.4	.4	-	3.0	c
32	Stone, clay, and glass products.....	6,825	100.0	.7	4.3	84.9	1.1	5.0	1.7	2.0	.2	.1	d
321	Flat glass.....	78	100.0	1.4	6.3	32.4	17.1	21.8	10.8	2.1	2.1	6.0	c
3211	Flat glass.....	78	100.0	1.4	6.3	32.4	17.1	21.8	10.8	2.1	2.1	6.0	c
327	Concrete, gypsum, plaster, and plaster products.....	1,057	100.0	.3	.3	96.4	-	.5	2.5	-	-	-	d
3271	Concrete products.....	625	100.0	.6	.4	99.0	-	-	-	-	-	-	d
33	Primary metal products.....	8,414	100.0	1.2	8.0	79.2	1.7	2.9	1.5	2.2	.5	2.8	b
331	Steel works and rolling mill products..	5,609	100.0	-	7.4	87.0	1.6	2.0	.9	.4	.7	-	a
3312	Primary iron and steel products (except coke-oven products).....	5,530	100.0	-	7.5	86.9	1.5	2.1	.9	.4	.7	-	a
332	Iron and steel castings.....	1,281	100.0	-	5.4	91.9	1.0	.9	.8	-	-	-	c
3321	Iron and steel castings.....	1,281	100.0	-	5.4	91.9	1.0	.9	.8	-	-	-	c
336	Nonferrous and nonferrous base alloy castings.....	149	100.0	.3	7.6	79.4	3.1	4.2	.6	.9	-	3.9	d
3369	Miscellaneous nonferrous metal castings	132	100.0	.4	6.4	79.5	3.4	4.7	.4	.9	-	4.3	d
339	Miscellaneous primary metal products...	382	100.0	.3	18.2	72.5	5.1	3.2	.7	-	-	-	d
3391	Iron and steel forgings.....	342	100.0	.2	20.0	72.8	2.9	3.4	.7	-	-	-	d
3399	Primary metal products, n.e.c.....	29	100.0	.9	1.2	67.5	29.5	.3	.6	-	-	-	d
34	Fabricated metal products.....	3,698	100.0	.7	3.8	70.2	6.8	7.7	2.7	2.2	3.4	2.5	c
3429	Miscellaneous hardware.....	76	100.0	.2	13.0	68.8	3.7	8.6	.6	1.2	-	3.9	d
343	Plumbing fixtures and heating apparatus (except electric).....	74	100.0	1.2	17.6	31.4	12.7	16.0	6.0	10.3	.4	4.4	d
3441	Structural metal products.....	194	100.0	-	.2	98.5	1.3	-	-	-	-	-	d
345	Bolts, nuts, screws, rivets, washers, and other industrial fasteners.....	228	100.0	.2	6.3	80.7	3.8	4.5	2.6	1.2	.1	.6	c
3452	Bolts, nuts, screws, rivets, washers, and other industrial fasteners.....	228	100.0	.2	6.3	80.7	3.8	4.5	2.6	1.2	.1	.6	c
346	Metal stampings.....	1,951	100.0	.7	2.6	71.9	8.5	7.8	3.5	2.4	-	2.6	d
3461	Metal stampings.....	1,951	100.0	.7	2.6	71.9	8.5	7.8	3.5	2.4	-	2.6	d
349	Miscellaneous fabricated metal products	200	100.0	1.3	8.1	69.4	8.8	5.6	2.5	.6	.7	3.0	c
3491	Metal barrels, drums, kegs, and pails..	16	100.0	-	.7	99.0	-	-	.3	-	-	-	d
3494	Valves and pipe fittings (except plumbers' brass goods and fittings).....	14	100.0	.4	14.1	69.8	2.2	7.7	.6	1.8	.5	2.9	d
3499	Fabricated metal products, n.e.c.....	84	100.0	3.1	7.8	55.0	12.5	9.1	5.1	1.2	.3	5.9	d
35	Machinery, except electrical.....	1,637	100.0	1.2	12.9	46.7	4.5	5.6	3.8	4.5	.5	20.3	c
352	Farm machinery and equipment.....	121	100.0	.3	6.4	46.8	17.1	12.7	8.4	6.2	1.2	.9	d
3522	Farm machinery and equipment.....	121	100.0	.3	6.4	46.8	17.1	12.7	8.4	6.2	1.2	.9	d
353	Construction, mining, and materials handling machinery and equipment.....	264	100.0	1.6	21.3	50.0	3.3	7.1	3.5	5.8	-	7.4	c
3535	Conveyors and conveying equipment (except hoists and farm elevators)....	13	100.0	.1	18.0	56.0	5.8	1.5	.1	18.4	-	.1	b
354	Metalworking machinery and equipment...	239	100.0	3.6	16.8	64.8	3.4	1.7	2.5	5.9	.1	1.2	c
3541	Machine tools, metal cutting types.....	64	100.0	8.8	10.1	77.9	.6	.2	.4	1.8	-	.2	d
3544	Special dies and tools, die sets, jigs, fixtures, and industrial molds and patterns.....	101	100.0	.1	26.7	62.2	6.1	.3	.3	2.3	.1	1.9	c
3545	Machine tool accessories, measuring tools, and measuring devices.....	14	100.0	8.6	7.3	69.2	2.2	2.7	2.7	2.0	.5	4.8	d
3548	Metalworking machinery (except machine tools).....	6	100.0	12.1	11.4	54.3	10.6	8.1	.5	2.1	.3	.6	c
358	Service industry machines.....	191	100.0	1.9	12.7	60.0	5.8	5.2	9.7	2.4	1.0	1.3	c
3585	Refrigerators and refrigeration machinery (except household), and complete air-conditioning units.....	191	100.0	1.9	12.7	60.0	5.8	5.2	9.7	2.4	1.0	1.3	c

See footnotes at end of table.

TABLE 3. Percent Distribution of Commodities, by Geographic Division of Destination: 1967--Continued

TCC code	Commodity	Number	Percent distribution by geographic division ¹ of destination										Sampling variability code ³
			All means of transport	New England	Middle Atlantic	East North Central	West North Central	South Atlantic	East South Central	West South Central	Mountain	Pacific ²	
	TONS OF SHIPMENTS--Continued	(thous. of tons)											
36	Electrical machinery and equipment.....	577	100.0	5.7	11.1	54.0	6.5	5.8	2.7	6.2	2.5	5.5	a
362	Electrical industrial apparatus.....	210	100.0	6.8	10.5	54.4	8.0	2.6	.7	6.6	2.8	7.6	d
363	Household appliances.....	156	100.0	4.8	11.0	35.1	9.7	9.8	6.4	11.1	4.6	7.5	b
364	Electric lighting and wiring equipment.....	17	100.0	.1	1.1	83.8	4.3	6.9	1.1	.9	.1	1.7	d
366	Communication equipment.....	12	100.0	5.7	10.3	37.9	20.8	12.7	2.5	.4	-	9.7	c
3662	Radio and television transmitting, signaling, and detection equipment and apparatus.....	11	100.0	6.1	11.1	33.1	22.4	13.7	2.7	.4	-	10.5	c
37	Transportation equipment.....	13,016	100.0	2.8	11.0	48.0	11.2	11.0	3.0	4.3	.7	8.0	a
371	Motor vehicles and motor vehicle equipment.....	12,876	100.0	2.8	11.0	47.6	11.3	11.1	3.0	4.4	.7	8.1	a
3711	Motor vehicles.....	4,790	100.0	4.8	16.4	40.5	6.1	11.0	5.6	6.7	1.7	7.2	a
3714	Motor vehicle parts and accessories....	8,079	100.0	1.6	7.8	52.0	14.3	11.1	1.4	3.0	.1	8.7	a
374	Railroad equipment.....	41	100.0	-	18.0	61.1	1.1	9.3	6.0	1.5	-	3.0	b
3742	Railroad and street cars.....	41	100.0	-	18.0	61.1	1.1	9.3	6.0	1.5	-	3.0	b
38	Instruments, photographic goods, optical goods, watches, and clocks.....	33	100.0	7.6	16.4	36.9	2.5	3.0	1.3	3.2	.5	28.6	d
39	Miscellaneous products of manufacturing	164	100.0	2.9	10.2	40.3	3.2	7.2	3.3	.7	2.6	29.6	c
	TON-MILES OF SHIPMENTS	(millions of ton-miles)											
	Michigan, total.....	18,472	100.0	4.8	12.7	24.4	8.0	10.9	3.8	8.9	3.3	23.2	-
20	Food and kindred products.....	1,611	100.0	11.0	19.5	26.9	5.7	7.3	3.6	3.6	8.1	14.3	-
203	Canned and preserved fruits, vegetables, and seafoods.....	377	100.0	4.4	16.3	23.0	7.8	11.7	3.7	6.7	4.6	21.8	-
208	Beverages and flavoring extracts.....	171	100.0	1.7	3.9	74.2	7.0	4.9	2.2	3.0	.8	2.3	-
23	Apparel, including knit apparel, and other finished textile products.....	77	100.0	.6	17.8	10.1	15.9	13.4	6.1	7.4	.1	28.6	-
239	Miscellaneous fabricated textile products.....	75	100.0	.2	17.9	10.1	16.4	13.4	6.2	6.9	-	28.9	-
24	Lumber and wood products, except furniture.....	241	100.0	1.8	7.3	54.9	4.5	3.8	1.3	.5	-	25.9	-
249	Miscellaneous wood products.....	98	100.0	1.7	3.9	55.7	3.4	1.8	1.7	1.0	.1	30.7	-
2499	Wood products, n.e.c.....	95	100.0	1.7	4.0	54.0	3.6	1.9	1.8	1.0	-	32.0	-
25	Furniture and fixtures.....	304	100.0	3.3	14.5	4.2	3.4	14.0	4.6	9.1	5.8	41.1	-
251	Household and office furniture.....	86	100.0	1.6	12.9	6.9	2.8	21.9	4.3	15.4	5.4	28.8	-
2517	Cabinets and cases.....	26	100.0	1.3	8.2	7.3	2.6	40.2	5.0	.3	1.1	34.0	-
253	Public building and related furniture..	187	100.0	4.3	16.1	3.1	3.8	11.6	5.4	7.2	6.9	41.6	-
2531	Public building and related furniture..	187	100.0	4.3	16.1	3.1	3.8	11.6	5.4	7.2	6.9	41.7	-
259	Miscellaneous furniture and fixtures..	21	100.0	2.4	10.4	4.4	2.9	8.1	.7	4.5	-	66.6	-
26	Pulp, paper, and allied products.....	812	100.0	6.5	14.7	32.1	10.3	14.0	5.8	5.7	3.0	7.9	-
262	Paper (except building paper).....	419	100.0	8.1	15.8	29.6	7.4	16.2	3.5	4.3	3.6	11.5	-
2621	Paper (except building paper).....	419	100.0	8.1	15.8	29.6	7.4	16.2	3.5	4.3	3.6	11.5	-
263	Paperboard, fiberboard, and pulpboard (except insulating board).....	114	100.0	4.2	9.5	55.4	4.6	7.3	12.7	2.8	-	3.5	-
2631	Paperboard, fiberboard, and pulpboard (except insulating board).....	114	100.0	4.2	9.5	55.4	4.6	7.3	12.7	2.8	-	3.5	-
265	Containers, boxes and related products, paperboard, fiberboard, and pulpboard.	141	100.0	2.0	11.0	27.1	25.5	9.9	6.3	10.7	5.6	1.9	-
2651	Containers, boxes, baskets, pallets and skids, paperboard, fiberboard, and pulpboard.....	87	100.0	3.1	3.6	32.7	35.8	6.2	8.6	5.8	3.9	.3	-
28	Chemicals and allied products.....	2,755	100.0	9.1	21.4	26.6	5.5	11.0	4.8	12.8	1.3	7.5	-
281	Industrial chemicals.....	2,154	100.0	11.1	23.5	29.1	4.3	11.4	3.5	10.9	1.2	5.0	-
2812	Basic inorganic chemical compounds (including chlorine, potassium, and sodium compounds).....	1,476	100.0	14.5	23.0	35.6	5.3	13.5	3.9	2.3	-	2.0	-

See footnotes at end of table.

TABLE 3. Percent Distribution of Commodities, by Geographic Division of Destination: 1967--Continued

TCC code	Commodity	Number	Percent distribution by geographic division ¹ of destination										Sampling variability code ³
			All means of transport	New England	Middle Atlantic	East North Central	West North Central	South Atlantic	East South Central	West South Central	Mountain	Pacific ²	
	TON-MILES OF SHIPMENTS--Continued	(millions of ton-miles)											
2815	Dyes and dye (cyclic) intermediates and organic pigments (lakes and toners)...	55	100.0	0.5	34.2	3.4	7.3	8.6	0.1	23.8	19.3	2.8	-
283	Drugs (biological products, medicinal chemicals, botanical products and pharmaceutical preparations).....	33	100.0	2.5	26.4	9.1	2.1	4.7	9.2	3.3	1.3	41.4	-
2831	Drugs (biological products, medicinal chemicals, botanical products and pharmaceutical preparations).....	33	100.0	2.5	26.4	9.1	2.1	4.7	9.2	3.3	1.3	41.4	-
284	Soap and detergents, cleaning preparations, perfumes, cosmetics, and other toilet preparations.....	87	100.0	4.9	5.6	19.0	11.7	1.9	6.0	10.5	2.0	38.4	-
2842	Specialty cleaning, polishing, and sanitation preparations (except soap and detergents),.....	74	100.0	5.6	6.3	20.0	2.1	2.1	5.9	11.9	2.2	43.9	-
285	Paints, varnishes, lacquers, enamels, and allied products.....	78	100.0	3.5	17.2	19.8	22.8	16.2	5.2	6.7	.4	8.2	-
2851	Paints, varnishes, lacquers, enamels, and allied products.....	78	100.0	3.5	17.2	19.8	22.8	16.2	5.2	6.7	.4	8.2	-
289	Miscellaneous chemical products.....	101	100.0	1.1	19.8	23.4	4.9	9.5	12.9	22.8	.6	5.0	-
2899	Chemical products, n.e.c.....	100	100.0	1.1	19.8	23.3	4.9	9.5	12.9	22.9	.6	5.0	-
29	Petroleum and coal products.....	184	100.0	1.2	15.0	69.6	1.5	7.6	3.2	1.6	-	.3	-
291	Products of petroleum refining.....	75	100.0	2.1	6.8	70.4	1.8	14.6	.4	3.9	-	-	-
2911	Products of petroleum refining (except liquefied petroleum gases and petroleum coke and breeze).....	54	100.0	.5	5.8	88.0	2.4	.5	.6	2.2	-	-	-
30	Rubber and miscellaneous plastics products.....	126	100.0	6.3	11.1	21.5	27.3	9.7	5.8	9.7	.8	7.8	-
307	Miscellaneous plastic products.....	44	100.0	7.7	23.4	18.9	15.7	13.2	2.9	1.1	.1	17.0	-
3071	Miscellaneous plastic products.....	44	100.0	7.7	23.5	18.9	15.7	13.2	2.9	1.1	.1	16.9	-
32	Stone, clay, and glass products.....	1,184	100.0	2.4	10.1	47.6	2.8	15.0	5.8	13.6	1.3	1.4	-
321	Flat glass.....	39	100.0	1.7	5.6	11.6	15.9	21.2	9.4	4.4	6.3	23.9	-
3211	Flat glass.....	39	100.0	1.7	5.6	11.6	15.9	21.2	9.4	4.4	6.3	23.9	-
327	Concrete, gypsum, plaster, and plaster products.....	93	100.0	2.3	1.1	83.7	-	1.9	11.0	-	-	-	-
3271	Concrete products.....	30	100.0	7.1	3.4	89.5	-	-	-	-	-	-	-
33	Primary metal products.....	2,148	100.0	3.2	10.3	37.8	3.4	6.1	4.1	9.9	3.2	22.0	-
331	Steel works and rolling mill products..	891	100.0	.3	14.5	64.5	5.2	2.5	3.4	2.0	7.1	.5	-
3312	Primary iron and steel products (except coke-oven products).....	881	100.0	.3	14.7	64.5	4.9	2.5	3.4	2.0	7.2	.5	-
332	Iron and steel castings.....	182	100.0	.1	11.3	79.4	3.1	3.3	2.0	.3	.1	.4	-
3321	Iron and steel castings.....	182	100.0	.1	11.3	79.4	3.1	3.3	2.0	.3	.1	.4	-
336	Nonferrous and nonferrous base alloy castings.....	40	100.0	.9	16.3	35.3	5.3	8.8	1.2	3.1	.2	28.9	-
3369	Miscellaneous nonferrous metal castings	35	100.0	.9	13.6	34.0	5.7	9.8	1.0	3.3	.3	31.4	-
339	Miscellaneous primary metal products...	66	100.0	.9	30.7	44.1	14.4	7.7	1.8	-	-	.4	-
3391	Iron and steel forgings.....	55	100.0	.8	36.4	44.5	7.1	8.8	2.0	-	-	.4	-
3399	Primary metal products, n.e.c.....	9	100.0	1.6	1.4	36.2	59.0	.5	.9	.1	-	.3	-
34	Fabricated metal products.....	1,100	100.0	1.7	5.5	25.1	11.6	14.4	3.3	7.4	14.6	16.4	-
3429	Miscellaneous hardware.....	22	100.0	.4	23.1	22.8	7.3	14.5	.8	4.0	.1	27.0	-
343	Plumbing fixtures and heating apparatus (except electric).....	41	100.0	1.5	16.3	11.9	11.7	18.9	5.8	17.6	1.0	15.3	-
3441	Structural metal products.....	20	100.0	-	.7	91.9	7.4	-	-	-	-	-	-
345	Bolts, nuts, screws, rivets, washers, and other industrial fasteners.....	42	100.0	.5	12.9	47.4	11.4	9.9	4.5	6.1	.4	6.9	-
3452	Bolts, nuts, screws, rivets, washers, and other industrial fasteners.....	42	100.0	.5	12.9	47.4	11.4	9.9	4.5	6.1	.4	6.9	-
346	Metal stampings.....	498	100.0	2.1	4.3	28.5	16.5	15.2	4.5	9.0	.1	19.8	-
3461	Metal stampings.....	498	100.0	2.1	4.3	28.5	16.5	15.2	4.5	9.0	.1	19.8	-

See footnotes at end of table.

TABLE 3. Percent Distribution of Commodities, by Geographic Division of Destination: 1967--Continued

TCC code	Commodity	Number	Percent distribution by geographic division ¹ of destination										Sampling variability code ³
			All means of transport	New England	Middle Atlantic	East North Central	West North Central	South Atlantic	East South Central	West South Central	Mountain	Pacific ²	
	TON-MILES OF SHIPMENTS--Continued	(millions of ton-miles)											
349	Miscellaneous fabricated metal products	61	100.0	2.7	12.6	27.6	17.2	11.6	4.0	1.8	2.4	20.1	-
3491	Metal barrels, drums, kegs, and pails..	2	100.0	-	2.3	97.1	-	-	.6	-	-	-	-
3494	Valves and pipe fittings (except plumbers' brass goods and fittings).....	4	100.0	.8	22.8	30.0	3.5	15.9	1.1	5.7	1.6	18.6	-
3499	Fabricated metal products, n.e.c.....	35	100.0	4.5	8.1	17.5	17.6	13.8	5.8	2.4	1.1	29.2	-
35	Machinery, except electrical.....	1,044	100.0	1.2	9.9	9.3	3.7	5.5	3.3	6.5	1.1	59.5	-
352	Farm machinery and equipment.....	51	100.0	.5	6.1	20.0	19.7	18.5	12.2	14.8	4.1	4.1	-
3522	Farm machinery and equipment.....	51	100.0	.5	6.1	20.0	19.7	18.5	12.2	14.8	4.1	4.1	-
353	Construction, mining, and materials handling machinery and equipment.....	119	100.0	2.7	25.4	9.5	3.7	9.3	4.1	13.0	.1	32.2	-
3535	Conveyors and conveying equipment (except hoists and farm elevators)....	6	100.0	.1	13.4	29.0	5.8	2.1	.1	49.1	-	.4	-
354	Metalworking machinery and equipment...	60	100.0	8.2	24.2	27.2	6.4	3.9	5.5	15.2	.6	8.8	-
3541	Machine tools, metal cutting types.....	13	100.0	23.4	19.1	43.7	1.6	.7	1.0	8.5	.2	1.8	-
3544	Special dies and tools, die sets, jigs, fixtures, and industrial molds and patterns.....	22	100.0	.3	38.9	23.7	12.7	.7	.7	6.2	1.0	15.8	-
3545	Machine tool accessories, measuring tools, and measuring devices.....	5	100.0	13.8	6.0	31.9	3.3	4.3	3.9	5.8	1.7	29.3	-
3548	Metalworking machinery (except machine tools).....	2	100.0	19.7	16.4	20.5	15.1	16.6	.9	6.3	.9	3.6	-
358	Service industry machines.....	67	100.0	4.1	18.8	26.2	9.1	8.7	16.0	6.3	3.7	7.1	-
3585	Refrigerators and refrigeration machinery (except household), and complete air-conditioning units.....	67	100.0	4.1	18.8	26.2	9.1	8.7	16.0	6.3	3.7	7.1	-
36	Electrical machinery and equipment.....	260	100.0	7.9	12.0	17.7	7.4	8.5	2.6	12.7	8.0	23.2	-
362	Electrical industrial apparatus.....	103	100.0	7.6	8.2	18.2	8.7	3.9	.7	12.4	9.2	31.1	-
363	Household appliances.....	92	100.0	6.0	10.3	8.8	8.3	11.8	4.4	16.8	10.3	23.3	-
364	Electric lighting and wiring equipment.	4	100.0	.3	2.5	46.6	10.7	16.9	2.4	4.1	.6	15.9	-
366	Communication equipment.....	7	100.0	6.1	9.6	8.2	19.9	13.5	2.3	.7	-	39.7	-
3662	Radio and television transmitting, signaling, and detection equipment and apparatus.....	6	100.0	6.3	9.9	5.1	20.6	13.9	2.4	.8	-	41.0	-
37	Transportation equipment.....	6,220	100.0	3.5	9.9	13.1	12.5	13.0	3.0	9.3	1.9	33.8	-
371	Motor vehicles and motor vehicle equipment.....	6,180	100.0	3.5	9.9	12.9	12.6	13.0	2.9	9.3	1.9	34.0	-
3711	Motor vehicles.....	2,552	100.0	5.4	12.1	12.3	6.5	13.8	5.4	12.7	4.4	27.4	-
3714	Motor vehicle parts and accessories....	3,625	100.0	2.2	8.3	13.3	16.9	12.5	1.2	6.9	.2	38.5	-
374	Railroad equipment.....	13	100.0	-	17.6	34.1	1.9	12.1	11.7	4.9	-	17.7	-
3742	Railroad and street cars.....	13	100.0	-	17.6	34.2	1.9	12.1	11.7	4.9	-	17.6	-
38	Instruments, photographic goods, optical goods, watches, and clocks.....	26	100.0	6.1	9.4	4.7	1.7	2.2	.7	3.7	1.1	70.4	-
39	Miscellaneous products of manufacturing	137	100.0	2.7	7.6	6.9	1.8	5.8	1.5	.9	4.8	68.0	-

¹For States included in the geographic divisions, see map on inside cover.

²Shipments to Alaska and Hawaii from the 48 conterminous States and the District of Columbia are included; no data were obtained for shipments originating in Alaska and Hawaii.

³Code letter indicates a sampling variability range as follows: a, 0-9 percent; b, 10-19 percent; c, 20-29 percent; and d, 30-50 percent. The variability for ton-miles has not been estimated.

MINNESOTA

SUMMARY

The estimates of tons and ton-miles are based on reports from a sample of manufacturing establishments located in the State of Minnesota. The total tons and ton-miles represent the total intercity shipments by essentially all manufacturing establishments in the State, except for plants with less than 20 employees. However, since the data are based on a sample, the estimates necessarily are subject to "sampling variability."

The approximate degree of sampling variability for tons for each commodity or commodity class is indicated in the last column of tables 1 to 3. In general, most of the commodity data in this report are subject to substantial sampling variability and should be treated as approximate rather than precise measures.

About 18.3 million tons of commodities were shipped by plants in this State to destinations beyond the local area. These shipments generated 5.7 billion ton-miles by all means of transport combined, and averaged about 311 straight-line miles per ton shipped.

Table B indicates that almost 33 percent of the tons moved less than 100 miles and that mileage block accounts for 5 percent of the ton-miles.

Rail and motor carrier are dominant means of transport, accounting for 38 percent and 33 percent respectively of the total tons. When measured in terms of ton-miles, rather than tons, rail accounts for 56 percent and motor carrier accounts for 29 percent of the ton-miles.

As shown in tables A and B, petroleum and coal products do have an influence on the distribution of shipments as a result of their traffic pattern. Consequently, two totals are shown: (1) All commodities combined, and (2) the total exclusive of petroleum and coal products.

Table C shows that about 85 percent of total tons shipped by plants in Minnesota remained in the North Central Region. However, for some commodity groups (such as Machinery, Except Electrical and Electrical Machinery and Equipment) a more widespread distribution is indicated.

Table A. PERCENT DISTRIBUTION OF SHIPMENTS, AND AVERAGE LENGTH OF HAUL, BY MEANS OF TRANSPORT

Means of transport	Tons	Ton-miles	Average length of haul
	(thou-sands)	(millions)	(miles)
All commodities.....	18,327	5,691	(X)
All commodities except petroleum and coal products.....	15,404	5,504	(X)
Percent distribu-tion			
ALL COMMODITIES			
All means of transport.....	100.0	100.0	311
Rail.....	38.1	56.0	456
Motor carrier.....	32.7	29.2	277
Private truck.....	21.1	12.1	178
Air.....	-	-	-
Water.....	7.3	1.5	-
All other.....	.8	1.2	-
ALL COMMODITIES EXCEPT PETROLEUM AND COAL PRODUCTS			
All means of transport.....	100.0	100.0	357
Rail.....	44.6	57.5	460
Motor carrier.....	30.9	28.4	328
Private truck.....	23.4	12.2	186
Air.....	-	-	-
Water.....	.1	.7	-
All other.....	1.0	1.2	-

Note: Average length of haul is based on straight-line miles from plant to customer or primary redistribution point, weighted by tonnage shipped (i.e., ton-miles divided by tons). Rail short-line and highway direct-route distances average about 24 and 21 percent, respectively, longer than straight-line distances.

Table B. PERCENT DISTRIBUTION OF SHIPMENTS BY DISTANCE OF SHIPMENT

Distance shipped	Tons	Ton-miles
ALL COMMODITIES		
All distances.....	100.0	100.0
Under 100 miles.....	32.7	4.7
100 to 199 miles.....	22.7	10.8
200 to 299 miles.....	12.6	10.1
300 to 499 miles.....	11.9	14.7
500 to 999 miles.....	12.7	30.1
1,000 to 1,499 miles.....	6.4	24.6
1,500 miles and over.....	1.0	5.0
ALL COMMODITIES EXCEPT PETROLEUM AND COAL PRODUCTS		
All distances.....	100.0	100.0
Under 100 miles.....	23.8	3.5
100 to 199 miles.....	24.3	10.2
200 to 299 miles.....	14.4	10.0
300 to 499 miles.....	13.6	14.7
500 to 999 miles.....	15.1	31.0
1,000 to 1,499 miles.....	7.6	25.4
1,500 miles and over.....	1.2	5.2

Table C. PERCENT DISTRIBUTION OF TONS OF COMMODITIES BY REGION OF DESTINATION

TCC code	Commodity class	Tons (thousands)	Percent distribution by region ¹ of destination				
			All des-tinations	North-east	North Central	South	West
	Total.....	² 18,327	100.0	5.2	85.2	5.7	3.9
20	Food and kindred products.....	8,664	100.0	6.5	82.8	7.3	3.4
23	Apparel, including knit apparel, and other finished textile products.....	20	100.0	4.6	87.4	2.6	5.4
26	Pulp, paper, and allied products.....	1,383	100.0	2.3	87.5	6.3	3.9
28	Chemicals and allied products.....	402	100.0	2.3	83.1	7.5	7.1
29	Petroleum and coal products.....	2,923	100.0	-	99.8	-	.2
30	Rubber and miscellaneous plastics products.....	29	100.0	5.3	77.9	12.9	3.9
34	Fabricated metal products.....	255	100.0	2.7	84.7	4.2	8.4
35	Machinery, except electrical.....	465	100.0	21.7	53.2	17.6	7.5
36	Electrical machinery and equipment.....	278	100.0	13.1	47.7	25.0	14.2
37	Transportation equipment.....	383	100.0	6.8	64.9	6.1	22.2
39	Miscellaneous products of manufacturing.....	68	100.0	15.0	84.0	.5	.5

¹See map on inside cover for areas included in the regions of the United States.

²Total includes commodities not shown separately.

TABLE 1. Percent Distribution of Commodities, by Means of Transport: 1967

TCC code	Commodity	Number	Percent distribution by means of transport								Sampling variability code ¹
			All means of transport	Rail	Motor carrier	Private truck	Air	Water	Other	Unknown	
	TONS OF SHIPMENTS	(thousands of tons)									
	Minnesota, total.....	18,327	100.0	38.1	32.7	21.1	-	7.3	0.5	0.3	-
20	Food and kindred products.....	8,664	100.0	43.3	26.9	28.1	-	.4	.9	.4	c
201	Meat, poultry, and small game; fresh, chilled or frozen.....	1,575	100.0	41.6	38.7	13.4	-	-	4.6	1.7	c
2011	Meat, fresh or chilled, not salted.....	414	100.0	32.8	42.9	10.0	-	.1	13.6	.6	d
2013	Meat products.....	529	100.0	52.5	27.1	12.9	-	-	2.9	4.6	b
2014	Animal byproducts, inedible.....	143	100.0	69.9	10.3	19.7	-	-	.1	-	d
2015	Dressed poultry and small game, fresh, chilled or canned.....	25	100.0	62.8	15.3	18.3	-	-	3.6	-	d
2016	Dressed poultry and small game, fresh frozen.....	411	100.0	30.4	52.8	16.7	-	-	-	.1	d
202	Dairy products.....	618	100.0	70.9	8.0	21.1	-	-	-	-	d
2023	Condensed, evaporated, and dry milk....	542	100.0	73.0	9.0	18.0	-	-	-	-	d
203	Canned and preserved fruits, vegetables, and seafoods.....	620	100.0	34.6	26.6	38.8	-	-	-	-	d
2033	Canned fruits and vegetables.....	478	100.0	44.9	24.8	30.3	-	-	-	-	d
208	Beverages and flavoring extracts.....	688	100.0	29.3	6.1	64.5	-	-	-	.1	b
2086	Bottled and canned soft drinks and carbonated, mineral, and plain waters.....	188	100.0	4.5	9.6	85.9	-	-	-	-	d
23	Apparel, including knit apparel, and other finished textile products.....	20	100.0	-	69.5	19.0	-	.2	11.2	.1	d
26	Pulp, paper and allied products.....	1,383	100.0	53.9	35.5	10.6	-	-	-	-	c
264	Converted paper and paperboard products (except containers and boxes).....	175	100.0	31.0	54.6	14.2	-	-	.2	-	d
2649	Miscellaneous converted paper products and paperboard products.....	20	100.0	49.9	48.2	1.3	0.1	-	.5	-	d
28	Chemicals and allied products.....	402	100.0	19.1	52.3	27.7	-	-	.1	.8	d
284	Soap and detergents, cleaning preparations, perfumes, cosmetics, and other toilet preparations.....	93	100.0	6.9	88.3	4.4	-	-	.4	-	b
285	Paints, varnishes, lacquers, enamels, and allied products.....	85	100.0	28.0	50.6	20.6	-	-	.1	.7	d
2851	Paints, varnishes, lacquers, enamels, and allied products.....	85	100.0	28.0	50.6	20.6	-	-	.1	.7	d
29	Petroleum and coal products.....	2,923	100.0	3.6	42.2	9.0	-	45.2	-	-	c
291	Products of petroleum refining.....	2,823	100.0	3.2	40.9	9.1	-	46.8	-	-	c
2911	Products of petroleum refining (except liquefied petroleum gases and petroleum coke and breeze).....	2,738	100.0	2.6	39.8	9.4	-	48.2	-	-	c
30	Rubber and miscellaneous plastics products.....	29	100.0	2.2	72.0	23.0	.9	.5	1.4	-	c
307	Miscellaneous plastic products.....	21	100.0	.2	72.2	24.6	.9	.7	1.4	-	d
3071	Miscellaneous plastic products.....	21	100.0	.2	72.2	24.6	.9	.7	1.4	-	d
3312	Primary iron and steel products (except coke-oven products).....	70	100.0	39.1	42.0	18.9	-	-	-	-	c
34	Fabricated metal products.....	255	100.0	25.2	36.3	38.5	-	-	-	-	d
344	Structural and miscellaneous metal products.....	28	100.0	4.3	46.3	49.3	.1	-	-	-	d
349	Miscellaneous fabricated metal products.....	4	100.0	16.0	79.0	4.9	-	-	.1	-	d
3499	Fabricated metal products, n.e.c.....	3	100.0	-	93.9	6.0	-	-	.1	-	d

See footnote at end of table.

TABLE 1. Percent Distribution of Commodities, by Means of Transport: 1967--Continued

TCC code	Commodity	Number	Percent distribution by means of transport								Sampling variability code ¹
			All means of transport	Rail	Motor carrier	Private truck	Air	Water	Other	Unknown	
	TONS OF SHIPMENTS--Continued	(thousands of tons)									
35	Machinery, except electrical.....	465	100.0	27.8	51.5	19.3	0.7	-	0.6	0.1	b
352	Farm machinery and equipment.....	165	100.0	14.9	38.7	46.0	-	-	.4	-	d
3522	Farm machinery and equipment.....	165	100.0	14.9	38.7	46.0	-	-	.4	-	d
353	Construction, mining, and materials handling machinery and equipment.....	153	100.0	60.9	31.1	7.4	.3	-	.3	-	c
3531	Construction machinery and equipment...	138	100.0	62.4	29.7	7.4	.2	-	.3	-	c
357	Office, computing, and accounting machines.....	26	100.0	.1	89.3	-	6.6	-	4.0	-	b
358	Service and industry machines.....	35	100.0	7.0	90.8	.5	.6	0.2	.5	.4	d
3585	Refrigerators and refrigeration machinery (except household), and complete air-conditioning units.....	32	100.0	7.7	90.9	-	.6	.2	.4	.2	d
359	Miscellaneous machinery and parts (except electrical).....	3	100.0	-	51.3	32.0	7.7	-	9.0	-	d
3599	Miscellaneous machinery and parts (except electrical).....	3	100.0	-	51.3	32.0	7.7	-	9.0	-	d
36	Electrical machinery and equipment.....	278	100.0	70.2	25.9	1.8	1.3	.4	.4	-	a
37	Transportation equipment.....	383	100.0	46.9	45.4	7.4	.3	-	-	-	c
39	Miscellaneous products of manufacturing	68	100.0	4.8	36.8	43.7	-	-	14.7	-	d
399	Miscellaneous manufactured products....	63	100.0	5.2	32.0	47.0	-	-	15.8	-	d
	TON-MILES OF SHIPMENTS	(millions of ton-miles)									
	Minnesota, total.....	5,691	100.0	56.0	29.2	12.1	-	1.5	1.0	.2	-
20	Food and kindred products.....	3,002	100.0	58.5	25.2	13.2	-	1.3	1.4	.4	-
201	Meat, poultry, and small game; fresh, chilled or frozen.....	958	100.0	50.9	37.7	6.1	-	.2	4.3	.8	-
2011	Meat, fresh or chilled, not salted.....	249	100.0	46.8	39.1	1.7	-	.8	10.9	.7	-
2013	Meat products.....	352	100.0	64.1	22.4	8.1	-	-	3.9	1.5	-
2014	Animal byproducts, inedible.....	41	100.0	84.6	12.2	3.1	-	-	.1	-	-
2015	Dressed poultry and small game, fresh, chilled or canned.....	19	100.0	90.5	5.3	2.9	-	-	1.3	-	-
2016	Dressed poultry and small game, fresh frozen.....	269	100.0	34.3	56.7	9.0	-	-	-	-	-
202	Dairy products.....	272	100.0	77.5	12.7	9.8	-	-	-	-	-
2023	Condensed, evaporated, and dry milk....	257	100.0	77.0	13.4	9.6	-	-	-	-	-
203	Canned and preserved fruits, vegetables, and seafoods.....	301	100.0	48.2	30.5	21.3	-	-	-	-	-
2033	Canned fruits and vegetables.....	260	100.0	55.7	27.7	16.6	-	-	-	-	-
208	Beverages and flavoring extracts.....	178	100.0	46.5	3.9	49.5	-	-	-	.1	-
2086	Bottled and canned soft drinks and carbonated, mineral, and plain waters.	16	100.0	12.1	13.0	74.9	-	-	-	-	-
23	Apparel, including knit apparel, and other finished textile products.....	6	100.0	-	68.7	4.6	-	2.4	24.3	-	-
26	Pulp, paper, and allied products.....	499	100.0	69.1	25.2	5.6	-	-	.1	-	-
264	Converted paper and paperboard products (except containers and boxes).....	76	100.0	69.8	27.0	2.8	-	-	.4	-	-
2649	Miscellaneous converted paper products and paperboard products.....	8	100.0	77.4	21.8	.2	.1	-	.5	-	-

See footnote at end of table.

TABLE 1. Percent Distribution of Commodities, by Means of Transport: 1967--Continued

TCC code	Commodity	Number	Percent distribution by means of transport								Sampling variability code ¹
			All means of transport	Rail	Motor carrier	Private truck	Air	Water	Other	Unknown	
	TON-MILES OF SHIPMENTS--Continued	(millions of ton-miles)									
28	Chemicals and allied products.....	151	100.0	32.5	51.1	16.2	-	-	0.1	0.1	-
284	Soap and detergents, cleaning preparations, perfumes, cosmetics, and other toilet preparations.....	50	100.0	13.5	81.6	4.6	-	-	.3	-	-
285	Paints, varnishes, lacquers, enamels, and allied products.....	44	100.0	64.3	20.7	14.7	-	-	-	.3	-
2851	Paints, varnishes, lacquers, enamels, and allied products.....	44	100.0	64.3	20.7	14.7	-	-	-	.3	-
29	Petroleum and coal products.....	187	100.0	11.5	53.8	10.7	-	24.0	-	-	-
291	Products of petroleum refining.....	166	100.0	10.3	51.1	11.6	-	27.0	-	-	-
2911	Products of petroleum refining (except liquefied petroleum gases and petroleum coke and breeze).....	160	100.0	8.9	51.0	12.0	-	28.1	-	-	-
30	Rubber and miscellaneous plastics products.....	13	100.0	2.2	86.5	3.9	1.7	4.4	1.3	-	-
307	Miscellaneous plastic products.....	10	100.0	.2	89.9	1.8	1.4	5.7	1.0	-	-
3071	Miscellaneous plastic products.....	10	100.0	.2	89.9	1.8	1.4	5.7	1.0	-	-
3312	Primary iron and steel products (except coke-oven products).....	9	100.0	49.2	39.4	11.4	-	-	-	-	-
34	Fabricated metal products.....	77	100.0	30.7	38.2	31.0	-	-	.1	-	-
344	Structural and miscellaneous metal products.....	5	100.0	6.8	45.4	47.6	.2	-	-	-	-
349	Miscellaneous fabricated metal products.....	2	100.0	15.1	81.2	3.7	-	-	-	-	-
3499	Fabricated metal products, n.e.c.....	2	100.0	-	95.6	4.4	-	-	-	-	-
35	Machinery, except electrical.....	286	100.0	27.5	55.9	14.6	1.2	.1	.6	.1	-
352	Farm machinery and equipment.....	84	100.0	23.5	33.9	42.3	-	-	.3	-	-
3522	Farm machinery and equipment.....	84	100.0	23.5	33.9	42.3	-	-	.3	-	-
353	Construction, mining, and materials handling machinery and equipment.....	89	100.0	55.0	38.2	6.0	.4	-	.4	-	-
3531	Construction machinery and equipment...	81	100.0	56.1	36.6	6.6	.3	-	.4	-	-
357	Office, computing, and accounting machines.....	24	100.0	.1	87.4	-	9.1	-	3.4	-	-
358	Service and industry machines.....	27	100.0	8.9	88.6	.1	.8	.8	.6	.2	-
3585	Refrigerators and refrigeration machinery (except household), and complete air-conditioning units.....	25	100.0	9.6	88.0	-	.8	.9	.5	.2	-
359	Miscellaneous machinery and parts (except electrical).....	1	100.0	-	65.7	19.9	6.6	-	7.8	-	-
3599	Miscellaneous machinery and parts (except electrical).....	1	100.0	-	65.7	19.9	6.6	-	7.8	-	-
36	Electrical machinery and equipment.....	198	100.0	72.9	23.0	1.1	1.9	.5	.6	-	-
37	Transportation equipment.....	189	100.0	68.8	29.3	1.5	.4	-	-	-	-
39	Miscellaneous products of manufacturing	17	100.0	3.3	32.4	6.2	-	-	58.1	-	-
399	Miscellaneous manufactured products....	15	100.0	3.5	26.6	6.7	-	-	63.2	-	-

¹Code letter indicates a sampling variability range as follows: a, 0-9 percent; b, 10-19 percent; c, 20-29 percent; and d, 30-50 percent. The variability for ton-miles has not been estimated.

TABLE 2. Percent Distribution of Commodities, by Distance of Shipment: 1967

TCC code	Commodity	Number	Percent distribution by distance of shipment								Sampling variability code ¹
			All distances	Under 100 miles	100 to 199 miles	200 to 299 miles	300 to 499 miles	500 to 999 miles	1,000 to 1,499 miles	1,500 miles or over	
	TONS OF SHIPMENTS	(thousands of tons)									
	Minnesota, total.....	18,327	100.0	32.7	22.7	12.6	11.9	12.7	6.4	1.0	-
20	Food and kindred products.....	8,664	100.0	26.4	22.1	15.0	13.0	14.2	8.4	.9	c
201	Meat, poultry, and small game; fresh, chilled or frozen.....	1,575	100.0	10.8	6.9	12.6	20.1	26.3	22.0	1.3	c
2011	Meat, fresh or chilled, not salted.....	414	100.0	12.6	5.7	13.8	21.2	22.9	23.6	.2	d
2013	Meat products.....	529	100.0	6.3	2.7	11.9	21.7	33.6	22.4	1.4	b
2014	Animal byproducts, inedible.....	143	100.0	22.0	8.6	27.8	35.0	4.9	1.7	-	d
2015	Dressed poultry and small game, fresh, chilled or canned.....	25	100.0	10.7	12.2	3.8	15.1	17.0	40.6	.6	d
2016	Dressed poultry and small game, fresh frozen.....	411	100.0	12.3	13.3	8.1	7.8	27.0	28.4	3.1	d
202	Dairy products.....	618	100.0	22.2	25.9	5.2	16.7	14.0	14.3	1.7	d
2023	Condensed, evaporated, and dry milk.....	542	100.0	17.7	29.3	5.9	13.0	15.8	16.3	2.0	d
203	Canned and preserved fruits, vegetables, and seafoods.....	620	100.0	17.6	8.5	13.1	20.8	29.7	9.0	1.3	d
2033	Canned fruits and vegetables.....	478	100.0	12.7	7.5	11.7	20.2	35.3	11.3	1.3	d
208	Beverages and flavoring extracts.....	688	100.0	37.2	14.1	15.8	21.1	6.9	4.2	.7	b
2086	Bottled and canned soft drinks and carbonated, mineral, and plain waters.....	188	100.0	74.0	12.8	11.0	2.0	.2	-	-	d
23	Apparel, including knit apparel, and other finished textile products.....	20	100.0	22.4	46.1	9.3	6.9	10.9	2.6	1.8	d
26	Pulp, paper, and allied products.....	1,383	100.0	14.1	35.2	14.8	12.4	16.5	6.1	.9	c
264	Converted paper and paperboard products (except containers and boxes).....	175	100.0	29.4	21.6	12.7	4.4	18.6	12.6	.7	d
2649	Miscellaneous converted paper products and paperboard products.....	20	100.0	35.0	4.3	2.1	16.4	35.8	.7	5.7	d
28	Chemicals and allied products.....	402	100.0	21.1	5.9	30.8	23.0	11.7	6.7	.8	d
284	Soap and detergents, cleaning preparations, perfumes, cosmetics, and other toilet preparations.....	93	100.0	1.5	1.7	5.7	50.0	33.1	7.8	.2	b
285	Paints, varnishes, lacquers, enamels, and allied products.....	85	100.0	24.4	7.6	16.5	25.4	4.3	21.7	.1	d
2851	Paints, varnishes, lacquers, enamels, and allied products.....	85	100.0	24.4	7.6	16.5	25.4	4.3	21.7	.1	d
29	Petroleum and coal products.....	2,923	100.0	79.5	14.2	3.2	2.8	.2	.1	-	c
291	Products of petroleum refining.....	2,823	100.0	81.7	13.5	2.0	2.5	.2	.1	-	c
2911	Products of petroleum refining (except liquefied petroleum gases and petroleum coke and breeze).....	2,738	100.0	81.8	13.3	2.1	2.6	.1	.1	-	c
30	Rubber and miscellaneous plastics products.....	29	100.0	29.1	8.4	9.0	14.0	30.1	7.2	2.2	c
307	Miscellaneous plastic products.....	21	100.0	31.7	2.9	7.0	10.6	37.9	7.1	2.8	d
3071	Miscellaneous plastic products.....	21	100.0	31.7	2.9	7.0	10.6	37.9	7.1	2.8	d
3312	Primary iron and steel products (except coke-oven products).....	70	100.0	50.0	35.9	10.1	1.2	2.7	.1	-	c
34	Fabricated metal products.....	255	100.0	29.2	18.5	16.8	14.7	17.8	2.9	.1	d
344	Structural and miscellaneous metal products.....	28	100.0	44.2	6.8	41.2	2.0	5.4	.4	-	d
349	Miscellaneous fabricated metal products.....	4	100.0	.6	3.8	9.1	27.8	55.7	1.5	1.5	d
3499	Fabricated metal products, n.e.c.....	3	100.0	.7	3.0	5.8	22.2	68.3	-	-	d

See footnote at end of table.

TABLE 2. Percent Distribution of Commodities, by Distance of Shipment: 1967--Continued

TCC code	Commodity	Number	Percent distribution by distance of shipment								Sampling variability code ¹
			All distances	Under 100 miles	100 to 199 miles	200 to 299 miles	300 to 499 miles	500 to 999 miles	1,000 to 1,499 miles	1,500 miles or over	
	TONS OF SHIPMENTS--Continued	(thousands of tons)									
35	Machinery, except electrical.....	465	100.0	15.6	6.1	9.9	15.0	31.0	18.4	4.0	b
352	Farm machinery and equipment.....	165	100.0	15.9	11.5	17.1	15.9	30.2	5.9	3.5	d
3522	Farm machinery and equipment.....	165	100.0	15.9	11.5	17.1	15.9	30.2	5.9	3.5	d
353	Construction, mining, and materials handling machinery and equipment.....	153	100.0	26.9	3.7	4.1	13.8	19.9	28.7	2.9	c
3531	Construction machinery and equipment...	138	100.0	28.9	2.0	3.8	14.3	19.2	28.6	3.2	c
357	Office, computing, and accounting machines.....	26	100.0	2.3	2.3	5.6	8.8	44.8	21.7	14.5	b
358	Service and industry machines.....	35	100.0	1.9	.9	10.3	11.8	38.6	33.7	2.8	d
3585	Refrigerators and refrigeration machinery (except household), and complete air-conditioning units.....	32	100.0	1.0	.3	10.6	12.0	38.4	35.1	2.6	d
359	Miscellaneous machinery and parts (except electrical).....	3	100.0	11.7	19.7	18.3	15.7	28.8	5.5	.3	d
3599	Miscellaneous machinery and parts (except electrical).....	3	100.0	11.7	19.7	18.3	15.7	28.8	5.5	.3	d
36	Electrical machinery and equipment.....	278	100.0	6.5	.7	6.2	22.5	40.8	17.6	5.7	a
37	Transportation equipment.....	383	100.0	26.0	10.4	11.0	15.0	24.9	11.3	1.4	c
39	Miscellaneous products of manufacturing	68	100.0	63.2	9.2	.8	8.4	17.8	.4	.2	d
399	Miscellaneous manufactured products....	63	100.0	65.3	9.9	.9	4.3	18.8	.5	.3	d
	TON-MILES OF SHIPMENTS	(millions of ton-miles)									
	Minnesota, total.....	5,691	100.0	4.7	10.8	10.1	14.7	30.1	24.6	5.0	-
20	Food and kindred products.....	3,002	100.0	4.2	9.3	10.6	14.1	29.7	28.1	4.0	-
201	Meat, poultry, and small game; fresh, chilled or frozen.....	958	100.0	.8	1.9	5.5	11.9	34.1	42.2	3.6	-
2011	Meat, fresh or chilled, not salted.....	249	100.0	.8	1.4	6.0	13.2	32.3	45.4	.9	-
2013	Meat products.....	352	100.0	.4	.6	4.7	11.3	40.3	39.5	3.2	-
2014	Animal byproducts, inedible.....	41	100.0	3.9	4.9	27.5	44.2	13.0	6.5	-	-
2015	Dressed poultry and small game; fresh, chilled or canned.....	19	100.0	.7	2.1	1.3	7.5	15.1	72.1	1.2	-
2016	Dressed poultry and small game; fresh frozen.....	269	100.0	1.1	3.6	3.2	4.5	30.1	49.8	7.7	-
202	Dairy products.....	272	100.0	3.2	8.9	3.0	15.2	23.9	39.6	6.2	-
2023	Condensed, evaporated, and dry milk....	257	100.0	2.5	9.5	3.2	11.2	25.0	42.0	6.6	-
203	Canned and preserved fruits, vegetables, and seafoods.....	301	100.0	2.1	2.8	7.0	16.0	47.5	20.5	4.1	-
2033	Canned fruits and vegetables.....	260	100.0	1.4	2.2	5.8	14.0	50.1	22.8	3.7	-
208	Beverages and flavoring extracts.....	178	100.0	6.2	8.5	15.4	29.9	18.0	17.6	4.4	-
2086	Bottled and canned soft drinks and carbonated, mineral, and plain waters.....	16	100.0	38.1	20.5	30.6	9.7	1.1	-	-	-
23	Apparel, including knit apparel, and other finished textile products.....	6	100.0	2.9	27.9	8.4	9.0	29.9	10.6	11.3	-
26	Pulp, paper, and allied products.....	499	100.0	2.2	17.1	10.7	13.9	31.7	20.3	4.1	-
264	Converted paper and paperboard products (except containers and boxes).....	76	100.0	3.9	7.2	7.7	4.1	33.4	40.9	2.8	-
2649	Miscellaneous converted paper products and paperboard products.....	8	100.0	5.4	1.5	1.3	16.2	51.7	2.2	21.7	-

See footnote at end of table.

TABLE 2. Percent Distribution of Commodities, by Distance of Shipment: 1967--Continued

TCC code	Commodity	Number	Percent distribution by distance of shipment								Sampling variability code ¹
			All distances	Under 100 miles	100 to 199 miles	200 to 299 miles	300 to 499 miles	500 to 999 miles	1,000 to 1,499 miles	1,500 miles or over	
	TON-MILES OF SHIPMENTS--Continued	(millions of ton-miles)									
28	Chemicals and allied products.....	151	100.0	2.2	2.7	19.8	24.7	23.0	24.3	3.3	-
284	Soap and detergents, cleaning preparations, perfumes, cosmetics, and other toilet preparations.....	50	100.0	.2	.4	2.5	35.0	43.0	18.3	.6	-
285	Paints, varnishes, lacquers, enamels, and allied products.....	44	100.0	2.2	2.3	7.8	21.5	6.1	59.8	.3	-
2851	Paints, varnishes, lacquers, enamels, and allied products.....	44	100.0	2.2	2.3	7.8	21.5	6.1	59.8	.3	-
29	Petroleum and coal products.....	187	100.0	38.5	30.1	12.5	15.4	2.2	1.3	-	-
291	Products of petroleum refining.....	166	100.0	42.6	30.9	8.6	15.2	1.2	1.5	-	-
2911	Products of petroleum refining (except liquefied petroleum gases and petroleum coke and breeze).....	160	100.0	42.2	30.4	8.9	15.8	1.2	1.5	-	-
30	Rubber and miscellaneous plastics products.....	13	100.0	3.0	2.9	5.3	12.8	47.3	18.3	10.4	-
307	Miscellaneous plastic products.....	10	100.0	2.6	1.1	3.6	9.1	53.9	17.1	12.6	-
3071	Miscellaneous plastic products.....	10	100.0	2.6	1.1	3.6	9.1	53.9	17.1	12.6	-
3312	Primary iron and steel products (except coke-oven products).....	9	100.0	26.8	36.8	18.0	3.0	14.3	1.1	-	-
34	Fabricated metal products.....	77	100.0	6.2	8.8	13.4	18.7	42.3	10.2	.4	-
344	Structural and miscellaneous metal products.....	5	100.0	14.8	6.8	52.3	4.8	18.8	2.5	-	-
349	Miscellaneous fabricated metal products.....	2	100.0	-	1.0	3.9	18.2	69.4	3.3	4.2	-
3499	Fabricated metal products, n.e.c.....	2	100.0	.1	.9	2.8	13.8	82.4	-	-	-
35	Machinery, except electrical.....	286	100.0	.9	1.5	4.1	9.8	40.5	32.9	10.3	-
352	Farm machinery and equipment.....	84	100.0	1.8	3.4	8.5	12.0	50.1	13.9	10.3	-
3522	Farm machinery and equipment.....	84	100.0	1.8	3.4	8.5	12.0	50.1	13.9	10.3	-
353	Construction, mining, and materials handling machinery and equipment.....	89	100.0	.9	1.0	1.8	10.2	26.9	51.4	7.8	-
3531	Construction machinery and equipment...	81	100.0	1.0	.6	1.7	10.6	26.3	51.6	8.2	-
357	Office, computing, and accounting machines.....	24	100.0	.1	.4	1.6	3.9	41.1	27.7	25.2	-
358	Service and industry machines.....	27	100.0	.1	.2	3.6	6.5	37.2	46.5	5.9	-
3585	Refrigerators and refrigeration machinery (except household), and complete air-conditioning units.....	25	100.0	-	.1	3.7	6.6	36.4	47.7	5.5	-
359	Miscellaneous machinery and parts (except electrical).....	1	100.0	1.7	8.4	10.4	14.7	51.0	12.9	.9	-
3599	Miscellaneous machinery and parts (except electrical).....	1	100.0	1.7	8.4	10.4	14.7	51.0	12.9	.9	-
36	Electrical machinery and equipment.....	198	100.0	.6	.1	2.2	12.3	44.1	28.4	12.3	-
37	Transportation equipment.....	189	100.0	2.7	3.2	5.4	11.9	41.6	30.9	4.3	-
39	Miscellaneous products of manufacturing	17	100.0	10.9	5.7	.8	12.4	66.5	2.1	1.6	-
399	Miscellaneous manufactured products....	15	100.0	11.2	6.2	.9	6.4	71.4	2.2	1.7	-

¹Code letter indicates a sampling variability range as follows: a, 0-9 percent; b, 10-19 percent; c, 20-29 percent; and d, 30-50 percent. The variability for ton-miles has not been estimated.

TABLE 3. Percent Distribution of Commodities, by Geographic Division of Destination: 1967

TCC code	Commodity	Number	Percent distribution by geographic division ¹ of destination										Sampling variability code ³
			All means of transport	New England	Middle Atlantic	East North Central	West North Central	South Atlantic	East South Central	West South Central	Mountain	Pacific ²	
	TONS OF SHIPMENTS	(thous. of tons)											
	Minnesota, total.....	18,327	100.0	1.1	4.1	25.9	59.3	2.4	1.0	2.3	1.4	2.5	-
20	Food and kindred products.....	8,664	100.0	1.5	5.0	31.5	51.3	3.1	1.1	3.1	1.2	2.2	c
201	Meat, poultry, and small game; fresh, chilled or frozen.....	1,575	100.0	6.0	13.5	35.1	22.1	9.3	2.9	4.8	1.6	4.7	c
2011	Meat, fresh or chilled, not salted.....	414	100.0	8.7	9.5	36.8	18.2	7.9	1.0	11.6	.1	6.2	d
2013	Meat products.....	529	100.0	4.3	14.9	36.2	12.2	14.4	4.2	4.0	3.6	6.2	b
2014	Animal byproducts, inedible.....	143	100.0	1.7	3.4	54.5	40.2	.2	-	-	-	-	d
2015	Dressed poultry and small game, fresh, chilled or canned.....	25	100.0	-	5.2	23.3	22.9	.8	-	10.1	1.6	36.1	d
2016	Dressed poultry and small game, fresh frozen.....	411	100.0	8.1	21.4	22.9	34.2	9.2	.9	.6	1.2	1.5	d
202	Dairy products.....	618	100.0	.3	5.8	26.7	48.6	3.9	3.1	5.0	.7	5.9	d
2023	Condensed, evaporated, and dry milk....	542	100.0	.3	6.7	24.2	47.7	4.4	3.5	5.7	.8	6.7	d
203	Canned and preserved fruits, vegetables, and seafoods.....	620	100.0	1.0	7.1	20.5	45.5	7.7	3.0	10.2	3.5	1.5	d
2033	Canned fruits and vegetables.....	478	100.0	1.3	8.6	19.2	39.4	9.4	3.9	12.2	4.4	1.6	d
208	Beverages and flavoring extracts.....	688	100.0	-	-	30.0	61.4	-	-	2.4	4.5	1.7	b
2086	Bottled and canned soft drinks and carbonated, mineral, and plain waters.....	188	100.0	-	-	6.8	93.2	-	-	-	-	-	d
23	Apparel, including knit apparel, and other finished textile products.....	20	100.0	.2	4.4	7.2	80.2	.4	.3	1.9	2.8	2.6	d
26	Pulp, paper, and allied products.....	1,383	100.0	.3	2.0	30.0	57.5	2.0	.9	3.4	.8	3.1	c
264	Converted paper and paperboard products (except containers and boxes).....	175	100.0	-	.4	14.8	57.1	.7	.5	12.1	1.9	12.5	d
2649	Miscellaneous converted paper products and paperboard products.....	20	100.0	-	.2	40.3	42.4	1.0	3.3	6.6	.3	5.9	d
28	Chemicals and allied products.....	402	100.0	.5	1.8	23.8	59.3	1.6	3.3	2.6	1.2	5.9	d
284	Soap and detergents, cleaning preparations, perfumes, cosmetics, and other toilet preparations.....	93	100.0	.7	1.2	52.0	16.1	6.2	6.6	10.9	3.4	2.9	b
285	Paints, varnishes, lacquers, enamels, and allied products.....	85	100.0	-	.4	15.7	59.5	.3	.8	.2	1.8	21.3	d
2851	Paints, varnishes, lacquers, enamels, and allied products.....	85	100.0	-	.4	15.7	59.5	.3	.8	.2	1.8	21.3	d
29	Petroleum and coal products.....	2,923	100.0	-	-	12.1	87.7	-	-	-	-	.2	c
291	Products of petroleum refining.....	2,823	100.0	-	-	11.7	88.2	-	-	-	.1	-	c
2911	Products of petroleum refining (except liquefied petroleum gases and petroleum coke and breeze).....	2,738	100.0	-	-	11.1	88.8	-	-	-	.1	-	c
30	Rubber and miscellaneous plastics products.....	29	100.0	.4	4.9	28.4	49.5	5.6	4.5	2.8	.9	3.0	c
307	Miscellaneous plastic products.....	21	100.0	.6	4.4	32.2	43.6	6.3	5.8	2.2	1.1	3.8	c
3071	Miscellaneous plastic products.....	21	100.0	.6	4.4	32.2	43.6	6.3	5.8	2.2	1.1	3.8	c
3312	Primary iron and steel products (except coke-oven products).....	70	100.0	-	-	4.3	92.9	.1	-	-	2.7	-	c
34	Fabricated metal products.....	255	100.0	1.0	1.7	20.1	64.6	1.1	1.7	1.4	8.3	.1	c
344	Structural and miscellaneous metal products.....	28	100.0	-	-	7.3	91.2	-	-	.7	.8	-	c
349	Miscellaneous fabricated metal products.....	4	100.0	-	3.0	41.5	22.3	-	1.6	1.5	28.6	1.5	c
3499	Fabricated metal products, n.e.c.....	3	100.0	-	3.6	39.0	20.2	-	2.0	-	35.2	-	c

See footnotes at end of table.

TABLE 3. Percent Distribution of Commodities, by Geographic Division of Destination: 1967--Continued

TCC code	Commodity	Number	Percent distribution by geographic division ¹ of destination										Sampling variability code ³
			All means of transport	New England	Middle Atlantic	East North Central	West North Central	South Atlantic	East South Central	West South Central	Mountain	Pacific ²	
	TONS OF SHIPMENTS--Continued	(thous. of tons)											
35	Machinery, except electrical.....	465	100.0	2.5	19.2	21.8	31.4	5.2	4.4	8.0	1.8	5.7	b
352	Farm machinery and equipment.....	165	100.0	3.1	17.2	28.7	37.9	1.6	1.1	2.3	3.2	4.9	d
3522	Farm machinery and equipment.....	165	100.0	3.1	17.2	28.7	37.9	1.6	1.1	2.3	3.2	4.9	d
353	Construction, mining, and materials handling machinery and equipment.....	153	100.0	.7	17.5	11.0	41.9	4.4	3.6	16.7	.9	3.3	c
3531	Construction machinery and equipment...	138	100.0	.6	17.4	10.0	43.2	4.7	2.5	17.4	.7	3.5	c
357	Office, computing, and accounting machines.....	26	100.0	3.1	29.5	15.7	5.9	15.7	4.8	4.5	2.2	18.6	b
358	Service and industry machines.....	35	100.0	5.8	20.4	31.1	8.6	16.6	2.8	7.7	1.8	5.2	d
3585	Refrigerators and refrigeration machinery (except household), and complete air-conditioning units.....	32	100.0	5.8	20.9	31.9	6.9	16.9	3.0	8.0	1.8	4.8	d
359	Miscellaneous machinery and parts (except electrical).....	3	100.0	.1	2.2	16.3	49.5	20.8	3.3	4.8	2.4	.6	d
3599	Miscellaneous machinery and parts (except electrical).....	3	100.0	.1	2.2	16.3	49.5	20.8	3.3	4.8	2.4	.6	d
36	Electrical machinery and equipment.....	278	100.0	2.1	11.0	30.2	17.5	10.2	3.6	10.2	6.7	7.5	a
37	Transportation equipment.....	383	100.0	.1	6.7	11.6	53.3	3.5	.2	2.4	12.3	9.9	c
39	Miscellaneous products of manufacturing	68	100.0	.2	14.8	32.0	52.0	.3	.1	.1	.2	.3	d
399	Miscellaneous manufactured products....	63	100.0	.2	15.9	29.9	53.1	.2	.1	.1	.2	.3	d
	TON-MILES OF SHIPMENTS	(millions of ton-miles)											
	Minnesota, total.....	5,691	100.0	3.8	12.5	25.7	24.8	8.0	2.5	7.0	3.8	11.9	-
20	Food and kindred products.....	3,002	100.0	4.9	13.6	28.0	20.6	9.7	2.6	8.5	3.0	9.1	-
201	Meat, poultry, and small game; fresh, chilled or frozen.....	958	100.0	11.0	21.6	21.7	5.3	16.5	3.6	6.9	2.3	11.1	-
2011	Meat, fresh or chilled, not salted....	249	100.0	15.7	15.0	19.9	3.1	13.1	1.3	16.8	.1	15.0	-
2013	Meat products.....	352	100.0	7.0	20.6	19.6	2.6	21.6	4.4	5.5	5.1	13.6	-
2014	Animal byproducts, inedible.....	41	100.0	6.5	9.8	63.7	19.4	.6	-	-	-	-	-
2015	Dressed poultry and small game; fresh, chilled or canned.....	19	100.0	-	7.2	11.4	3.8	.9	-	8.8	1.9	66.0	-
2016	Dressed poultry and small game; fresh frozen.....	269	100.0	14.4	34.0	18.6	8.8	17.5	1.1	1.0	1.4	3.2	-
202	Dairy products.....	272	100.0	.7	12.5	23.4	14.3	9.8	7.4	11.0	1.2	19.7	-
2023	Condensed, evaporated, and dry milk....	257	100.0	.8	13.3	19.8	14.2	10.3	7.8	11.7	1.3	20.8	-
203	Canned and preserved fruits, vegetables, and seafoods.....	301	100.0	2.5	14.0	14.6	20.6	15.6	3.9	18.5	5.7	4.6	-
2033	Canned fruits and vegetables.....	260	100.0	2.8	15.0	12.3	18.2	17.0	4.5	19.7	6.3	4.2	-
208	Beverages and flavoring extracts.....	178	100.0	-	-	37.3	28.8	-	-	9.5	14.8	9.6	-
2086	Bottled and canned soft drinks and carbonated, mineral, and plain waters.....	16	100.0	-	-	15.6	84.1	-	-	-	.3	-	-
23	Apparel, including knit apparel, and other finished textile products.....	6	100.0	.6	14.7	7.3	46.1	1.5	.8	6.1	8.0	14.9	-
26	Pulp, paper, and allied products.....	499	100.0	1.0	5.5	31.2	31.0	5.5	2.0	9.0	2.0	12.8	-
264	Converted paper and paperboard products (except containers and boxes).....	76	100.0	.1	.8	11.7	16.3	1.5	.8	24.2	3.3	41.3	-
2649	Miscellaneous converted paper products and paperboard products.....	8	100.0	-	.4	45.6	11.7	2.5	5.2	11.9	.5	22.2	-

See footnotes at end of table.

TABLE 3. Percent Distribution of Commodities, by Geographic Division of Destination: 1967--Continued

TCC code	Commodity	Number	Percent distribution by geographic division ¹ of destination										Sampling variability code ³
			All means of transport	New England	Middle Atlantic	East North Central	West North Central	South Atlantic	East South Central	West South Central	Mountain	Pacific ²	
	TON-MILES OF SHIPMENTS--Continued	(millions of ton-miles)											
28	Chemicals and allied products.....	515	100.0	1.3	4.3	18.6	34.4	3.7	6.3	5.5	2.9	23.0	-
284	Soap and detergents, cleaning preparations, perfumes, cosmetics, and other toilet preparations.....	50	100.0	1.4	1.9	38.2	9.4	10.1	8.2	16.5	6.1	8.2	-
285	Paints, varnishes, lacquers, enamels, and allied products.....	44	100.0	.1	.7	10.5	24.6	.6	1.2	.3	3.0	59.0	-
2851	Paints, varnishes, lacquers, enamels, and allied products.....	44	100.0	.1	.7	10.5	24.6	.6	1.2	.3	3.0	59.0	-
29	Petroleum and coal products.....	187	100.0	-	-	28.2	69.3	-	-	-	2.5	-	-
291	Products of petroleum refining.....	166	100.0	-	-	28.6	70.0	-	-	-	1.4	-	-
2911	Products of petroleum refining (except liquefied petroleum gases and petroleum coke and breeze).....	160	100.0	-	-	28.6	69.9	-	-	-	1.5	-	-
30	Rubber and miscellaneous plastics products.....	13	100.0	1.1	10.6	31.1	15.4	12.7	8.0	6.2	1.8	13.1	-
307	Miscellaneous plastic products.....	10	100.0	1.3	8.7	34.6	9.8	13.5	9.6	4.7	2.2	15.6	-
3071	Miscellaneous plastic products.....	10	100.0	1.3	8.7	34.6	9.8	13.5	9.6	4.7	2.2	15.6	-
3312	Primary iron and steel products (except coke-oven products).....	9	100.0	-	-	4.0	80.7	1.1	-	-	14.2	-	-
34	Fabricated metal products.....	77	100.0	3.7	5.4	17.5	39.4	3.5	4.3	3.8	22.0	.4	-
344	Structural and miscellaneous metal products.....	5	100.0	-	.1	7.4	85.0	.1	-	3.8	3.6	-	-
349	Miscellaneous fabricated metal products.....	2	100.0	-	5.2	37.8	11.3	-	2.2	3.3	36.0	4.2	-
3499	Fabricated metal products, n.e.c.....	2	100.0	-	6.2	37.2	11.2	-	2.7	-	42.7	-	-
35	Machinery, except electrical.....	286	100.0	4.6	29.1	12.9	9.7	8.6	5.5	12.6	2.7	14.3	-
352	Farm machinery and equipment.....	84	100.0	7.1	31.9	16.8	16.4	3.0	1.4	3.5	5.6	14.3	-
3522	Farm machinery and equipment.....	84	100.0	7.1	31.9	16.8	16.4	3.0	1.4	3.5	5.6	14.3	-
353	Construction, mining, and materials handling machinery and equipment.....	89	100.0	1.3	29.2	7.6	10.4	7.4	5.1	28.5	1.8	8.7	-
3531	Construction machinery and equipment...	81	100.0	1.2	29.0	6.8	10.9	7.9	3.5	30.0	1.5	9.2	-
357	Office, computing, and accounting machines.....	24	100.0	3.3	29.6	6.5	1.0	18.0	3.7	4.6	1.8	31.5	-
358	Service and industry machines.....	27	100.0	8.4	25.8	18.5	3.0	21.3	2.5	8.1	2.3	10.1	-
3585	Refrigerators and refrigeration machinery (except household), and complete air-conditioning units.....	25	100.0	8.3	26.4	18.9	2.6	21.3	2.7	8.2	2.4	9.2	-
359	Miscellaneous machinery and parts (except electrical).....	1	100.0	.2	4.5	10.7	25.0	36.0	6.7	10.8	4.1	2.0	-
3599	Miscellaneous machinery and parts (except electrical).....	1	100.0	.2	4.5	10.7	25.0	36.0	6.7	10.8	4.1	2.0	-
36	Electrical machinery and equipment.....	198	100.0	3.2	14.6	18.8	5.9	15.0	5.1	13.7	7.9	15.8	-
37	Transportation equipment.....	189	100.0	.1	12.0	7.3	19.0	6.8	.2	5.1	20.4	29.1	-
39	Miscellaneous products of manufacturing	17	100.0	.7	58.7	23.7	12.8	1.2	.2	.3	.6	1.8	-
399	Miscellaneous manufactured products....	15	100.0	.7	63.7	19.0	12.2	1.1	.3	.3	.7	2.0	-

¹For States included in the geographic divisions, see map on inside cover.

²Shipments to Alaska and Hawaii from the 48 conterminous States and the District of Columbia are included; no data were obtained for shipments originating in Alaska and Hawaii.

³Code letter indicates a sampling variability range as follows: a, 0-9 percent; b, 10-19 percent; c, 20-29 percent; and d, 30-50 percent. The variability for ton-miles has not been estimated.

MISSOURI

SUMMARY

The estimates of tons and ton-miles are based on reports from a sample of manufacturing establishments located in the State of Missouri. The total tons and ton-miles represent the total intercity shipments by essentially all manufacturing establishments in the State, except for plants with less than 20 employees. However, since the data are based on a sample, the estimates necessarily are subject to "sampling variability."

The approximate degree of sampling variability for tons for each commodity or commodity class is indicated in the last column of tables 1 to 3. In general, most of the commodity data in this report are subject to substantial sampling variability and should be treated as approximate rather than precise measures.

About 29.1 million tons of commodities were shipped by plants in this State to destinations

beyond the local area. These shipments generated 11.7 billion ton-miles by all means of transport combined, and averaged about 400 straight-line miles per ton shipped.

Table B indicates that 21.6 percent of the tons moved 500 to 999 miles and that mileage block accounts for 37.6 percent of the ton-miles.

Rail is the dominant means of transport, accounting for almost 57 percent of the total tons. When measured in terms of ton-miles rather than tons, rail remains dominant, accounting for over 70 percent of the total ton-miles.

As shown in table C, almost 60 percent of the total tons shipped by plants in Missouri remained in the North Central Region. However, for some commodity groups (such as Machinery, Except Electrical, and Transportation Equipment) a more widespread distribution is indicated.

Table A. PERCENT DISTRIBUTION OF SHIPMENTS, AND AVERAGE LENGTH OF HAUL, BY MEANS OF TRANSPORT

Means of transport	Tons	Ton-miles	Average length of haul
	(thou-sands)	(millions)	(miles)
All commodities.....	29,137	11,658	(X)
ALL COMMODITIES	Percent distribu-tion		
All means of transport.....	100.0	100.0	400
Rail.....	56.5	70.4	498
Motor carrier.....	23.8	19.7	331
Private truck.....	19.4	9.2	190
Air.....	-	.1	-
Water.....	-	.2	-
All other.....	.3	.4	-

Note: Average length of haul is based on straight-line miles from plant to customer or primary redistribution point, weighted by tonnage shipped (i.e., ton-miles divided by tons). Rail short-line and highway direct-route distances average about 24 and 21 percent, respectively, longer than straight-line distances.

Table B. PERCENT DISTRIBUTION OF SHIPMENTS BY DISTANCE OF SHIPMENT

Distance shipped	Tons	Ton-miles
ALL COMMODITIES		
All distances.....	100.0	100.0
Under 100 miles.....	17.8	2.2
100 to 199 miles.....	17.8	6.4
200 to 299 miles.....	15.4	9.6
300 to 499 miles.....	19.8	19.5
500 to 999 miles.....	21.6	37.6
1,000 to 1,499 miles.....	5.7	16.8
1,500 miles and over.....	1.9	7.9

Table C. PERCENT DISTRIBUTION OF TONS OF COMMODITIES BY REGION OF DESTINATION

TCC code	Commodity class	Tons (thousands)	Percent distribution by region ¹ of destination				
			All des-tinations	North-east	North Central	South	West
	Total.....	² 29,137	100.0	7.0	59.5	27.5	6.0
20	Food and kindred products.....	10,982	100.0	9.3	56.9	29.5	4.3
26	Pulp, paper, and allied products.....	597	100.0	3.6	66.9	14.4	15.1
28	Chemicals and allied products.....	5,046	100.0	3.7	67.6	22.3	6.4
32	Stone, clay, and glass products.....	3,696	100.0	6.3	54.5	34.8	4.4
33	Primary metal products.....	1,281	100.0	6.8	62.3	23.0	7.9
34	Fabricated metal products.....	832	100.0	7.0	53.1	37.1	2.8
35	Machinery, except electrical.....	286	100.0	19.4	37.7	29.6	13.3
36	Electrical machinery and equipment.....	532	100.0	7.3	46.7	37.2	8.8
37	Transportation equipment.....	2,128	100.0	8.3	37.3	39.0	15.4

¹See map on inside cover for areas included in the regions of the United States.

²Total includes commodities not shown separately.

TABLE 1. Percent Distribution of Commodities, by Means of Transport: 1967

TCC code	Commodity	Number	Percent distribution by means of transport								Sampling variability code ¹
			All means of transport	Rail	Motor carrier	Private truck	Air	Water	Other	Unknown	
	TONS OF SHIPMENTS	(thousands of tons)									
	Missouri, total.....	29,137	100.0	56.5	23.8	19.4	-	-	0.2	0.1	-
20	Food and kindred products.....	10,982	100.0	61.7	9.2	28.8	-	-	.2	.1	c
201	Meat, poultry, and small game; fresh, chilled or frozen.....	1,198	100.0	55.7	27.0	16.8	-	-	-	.5	d
204	Grain mill products.....	6,210	100.0	76.1	2.2	21.7	-	-	-	-	d
26	Pulp, paper, and allied products.....	597	100.0	26.2	66.1	7.4	-	-	-	.3	d
265	Containers, boxes and related products, paperboard, fiberboard, and pulpboard.	361	100.0	21.0	72.8	6.2	-	-	-	-	d
28	Chemicals and allied products.....	5,046	100.0	60.8	27.8	11.0	-	-	.3	.1	d
281	Industrial chemicals.....	934	100.0	65.0	31.6	2.8	-	-	-	.6	c
284	Soap and detergents, cleaning preparations, perfumes, cosmetics, and other toilet preparations.....	566	100.0	48.5	49.2	.4	-	-	1.9	-	b
285	Paints, varnishes, lacquers, enamels, and allied products.....	233	100.0	9.1	80.3	10.6	-	-	-	-	d
2851	Paints, varnishes, lacquers, enamels, and allied products.....	233	100.0	9.1	80.3	10.6	-	-	-	-	d
314	Footwear (except rubber).....	23	100.0	.6	50.4	48.4	-	0.1	.5	-	d
32	Stone, clay, and glass products.....	3,696	100.0	72.3	24.0	3.3	-	-	-	.4	b
325	Structural clay products.....	1,338	100.0	84.6	8.3	7.1	-	-	-	-	d
3255	Refractories, clay and nonclay.....	1,338	100.0	84.6	8.3	7.1	-	-	-	-	d
33	Primary metal products.....	1,281	100.0	39.6	54.0	6.3	-	-	.1	-	c
331	Steel works and rolling mill products..	581	100.0	44.0	48.7	7.3	-	-	-	-	c
3312	Primary iron and steel products (except coke-oven products).....	385	100.0	48.5	40.5	11.0	-	-	-	-	c
332	Iron and steel castings.....	100	100.0	59.9	30.7	9.1	0.1	-	.1	.1	b
3321	Iron and steel castings.....	100	100.0	59.9	30.7	9.1	.1	-	.1	.1	b
335	Nonferrous metal basic shapes.....	64	100.0	15.5	56.9	26.2	-	-	1.4	-	d
34	Fabricated metal products.....	832	100.0	26.3	49.0	24.0	.2	-	.5	-	d
349	Miscellaneous fabricated metal products	57	100.0	5.2	81.2	4.6	2.6	-	6.3	.1	d
35	Machinery, except electrical.....	286	100.0	53.6	40.7	4.6	.4	-	.7	-	a
358	Service industry machines.....	78	100.0	26.9	66.5	5.4	.3	-	.8	.1	c
3585	Refrigerators and refrigeration machinery (except household), and complete air-conditioning units.....	48	100.0	42.6	48.8	7.2	.3	-	1.1	-	d
36	Electrical machinery and equipment.....	532	100.0	24.1	72.9	1.9	.3	.2	.6	-	c
362	Electrical industrial apparatus.....	155	100.0	4.1	89.5	5.9	-	-	.5	-	d
3621	Motors and generators.....	149	100.0	4.2	89.6	6.1	-	-	.1	-	d
363	Household appliances.....	35	100.0	18.8	80.4	-	-	.1	.7	-	d
3634	Electric housewares and fans.....	35	100.0	16.9	82.3	-	-	.1	.7	-	d
37	Transportation equipment.....	2,128	100.0	64.0	24.7	11.0	-	.2	.1	-	b
371	Motor vehicles and motor vehicle equipment.....	1,623	100.0	71.8	27.1	.8	-	.3	-	-	b
3714	Motor vehicle parts and accessories....	56	100.0	18.6	62.3	17.2	.6	-	1.3	-	c

See footnote at end of table.

TABLE 1. Percent Distribution of Commodities, by Means of Transport: 1967--Continued

TCC code	Commodity	Number	Percent distribution by means of transport								Sampling variability code ¹
			All means of transport	Rail	Motor carrier	Private truck	Air	Water	Other	Unknown	
	TON-MILES OF SHIPMENTS	(millions of ton-miles)									
	Missouri, total.....	11,658	100.0	70.4	19.7	9.2	0.1	0.2	0.3	0.1	-
20	Food and kindred products.....	4,547	100.0	79.7	9.4	10.7	-	-	.1	.1	-
201	Meat, poultry, and small game; fresh, chilled or frozen.....	640	100.0	69.3	24.0	6.1	-	-	-	.6	-
204	Grain mill products.....	2,442	100.0	93.6	1.5	4.9	-	-	-	-	-
26	Pulp, paper, and allied products.....	248	100.0	57.1	41.2	1.2	-	.5	-	-	-
265	Containers, boxes and related products, paperboard, fiberboard, and pulpboard.	88	100.0	60.2	38.8	1.0	-	-	-	-	-
28	Chemicals and allied products.....	1,854	100.0	67.2	25.7	6.6	-	-	.5	-	-
281	Industrial chemicals.....	474	100.0	79.2	19.3	1.4	-	-	.1	-	-
284	Soap and detergents, cleaning preparations, perfumes, cosmetics, and other toilet preparations.....	286	100.0	58.1	38.6	.6	-	-	2.7	-	-
285	Paints, varnishes, lacquers, enamels, and allied products.....	74	100.0	14.5	75.4	10.1	-	-	-	-	-
2851	Paints, varnishes, lacquers, enamels, and allied products.....	74	100.0	14.5	75.4	10.1	-	-	-	-	-
314	Footwear (except rubber).....	9	100.0	1.3	86.3	11.4	-	.5	.5	-	-
32	Stone, clay, and glass products.....	1,308	100.0	85.0	12.8	1.3	-	-	-	.9	-
325	Structural clay products.....	738	100.0	93.5	5.5	1.0	-	-	-	-	-
3255	Refractories, clay and nonclay.....	738	100.0	93.5	5.5	1.0	-	-	-	-	-
33	Primary metal products.....	609	100.0	49.1	47.1	3.7	-	-	.1	-	-
331	Steel works and rolling mill products..	266	100.0	54.3	41.5	4.2	-	-	-	-	-
3312	Primary iron and steel products (except coke-oven products).....	139	100.0	61.1	31.0	7.9	-	-	-	-	-
332	Iron and steel castings.....	48	100.0	74.3	22.3	3.1	-	-	.1	.2	-
3321	Iron and steel castings.....	48	100.0	74.3	22.3	3.1	-	-	.1	.2	-
335	Nonferrous metal basic shapes.....	46	100.0	30.6	49.8	18.4	.1	-	1.1	-	-
34	Fabricated metal products.....	339	100.0	29.5	49.6	19.8	.5	-	.6	-	-
349	Miscellaneous fabricated metal products	37	100.0	2.4	87.5	1.1	4.1	-	4.8	.1	-
35	Machinery, except electrical.....	189	100.0	58.8	37.1	2.5	.6	-	1.0	-	-
358	Service industry machines.....	53	100.0	31.0	61.6	5.4	.4	-	1.5	.1	-
3585	Refrigerators and refrigeration machinery (except household), and complete air-conditioning units.....	34	100.0	47.5	42.6	7.5	.4	-	2.0	-	-
36	Electrical machinery and equipment.....	286	100.0	33.5	62.8	1.0	.4	1.5	.8	-	-
362	Electrical industrial apparatus.....	60	100.0	3.8	90.5	4.4	-	-	1.3	-	-
3621	Motors and generators.....	57	100.0	4.0	91.2	4.6	-	-	.2	-	-
363	Household appliances.....	32	100.0	24.2	74.8	-	.1	.5	.4	-	-
3634	Electric housewares and fans.....	31	100.0	22.3	76.7	-	.1	.5	.4	-	-
37	Transportation equipment.....	1,155	100.0	71.8	13.1	13.3	.1	1.6	.1	-	-
371	Motor vehicles and motor vehicle equipment.....	911	100.0	85.6	11.9	.3	-	2.1	.1	-	-
3714	Motor vehicle parts and accessories....	24	100.0	19.4	65.3	11.9	.6	-	2.8	-	-

¹Code letter indicates a sampling variability range as follows: a, 0-9 percent; b, 10-19 percent; c, 20-29 percent; and d, 30-50 percent. The variability for ton-miles has not been estimated.

TABLE 2. Percent Distribution of Commodities, by Distance of Shipment: 1967

TCC code	Commodity	Number	Percent distribution by distance of shipment								Sampling variability code ¹
			All distances	Under 100 miles	100 to 199 miles	200 to 299 miles	300 to 499 miles	500 to 999 miles	1,000 to 1,499 miles	1,500 miles or over	
	TONS OF SHIPMENTS	(thousands of tons)									
	Missouri, total.....	29,137	100.0	17.8	17.8	15.4	19.8	21.6	5.7	1.9	-
20	Food and kindred products.....	10,982	100.0	21.0	15.0	14.1	16.7	24.6	8.2	.4	c
201	Meat, poultry, and small game; fresh, chilled or frozen.....	1,198	100.0	11.1	12.0	11.1	16.4	37.6	10.3	1.5	d
204	Grain mill products.....	6,210	100.0	27.0	15.6	9.7	15.9	23.1	8.4	.3	d
26	Pulp, paper, and allied products.....	597	100.0	34.5	14.8	8.8	9.9	17.8	13.8	.4	d
265	Containers, boxes and related products, paperboard, fiberboard, and pulpboard.	361	100.0	50.8	18.5	4.1	9.0	12.5	5.1	-	d
28	Chemicals and allied products.....	5,046	100.0	12.0	19.6	25.7	21.2	16.7	1.3	3.5	d
281	Industrial chemicals.....	934	100.0	10.8	10.4	23.1	21.2	23.5	1.5	9.5	c
284	Soap and detergents, cleaning preparations, perfumes, cosmetics, and other toilet preparations.....	566	100.0	4.0	8.0	24.1	26.4	27.4	2.4	7.7	b
285	Paints, varnishes, lacquers, enamels, and allied products.....	233	100.0	7.2	20.3	32.5	21.8	17.1	1.0	.1	d
2851	Paints, varnishes, lacquers, enamels, and allied products.....	233	100.0	7.2	20.3	32.5	21.8	17.1	1.0	.1	d
314	Footwear (except rubber).....	23	100.0	55.0	.4	2.7	11.1	20.6	2.7	7.5	d
32	Stone, clay, and glass products.....	3,696	100.0	22.9	21.2	9.8	19.1	22.1	2.8	2.1	b
325	Structural clay products.....	1,338	100.0	9.6	4.3	10.2	23.7	42.4	6.2	3.6	d
3255	Refractories, clay and nonclay.....	1,338	100.0	9.6	4.3	10.2	23.7	42.4	6.2	3.6	d
33	Primary metal products.....	1,281	100.0	4.6	8.9	16.8	27.8	34.7	6.2	1.0	c
331	Steel works and rolling mill products..	581	100.0	4.0	13.3	25.4	21.6	25.9	9.0	.8	c
3312	Primary iron and steel products (except coke-oven products).....	385	100.0	3.8	15.7	31.8	28.1	16.6	4.0	-	c
332	Iron and steel castings.....	100	100.0	7.0	2.7	29.5	21.3	34.1	.1	5.3	b
3321	Iron and steel castings.....	100	100.0	7.0	2.7	29.5	21.3	34.1	.1	5.3	b
335	Nonferrous metal basic shapes.....	64	100.0	2.0	4.5	9.9	24.9	32.7	21.3	4.7	d
34	Fabricated metal products.....	832	100.0	5.9	19.7	23.1	24.0	20.5	6.3	.5	d
349	Miscellaneous fabricated metal products	57	100.0	3.2	3.7	21.6	16.5	35.9	13.8	5.3	d
35	Machinery, except electrical.....	286	100.0	2.4	5.8	10.2	24.4	36.8	17.2	3.2	a
358	Service industry machines.....	78	100.0	1.1	4.5	9.7	19.7	51.8	9.8	3.4	c
3585	Refrigerators and refrigeration machinery (except household), and complete air-conditioning units.....	48	100.0	.9	6.4	11.8	10.9	57.1	7.7	5.2	d
36	Electrical machinery and equipment.....	532	100.0	8.6	4.1	21.9	25.6	27.3	10.2	2.3	c
362	Electrical industrial apparatus.....	155	100.0	4.0	5.0	38.0	38.3	13.2	.9	.6	d
3621	Motors and generators.....	149	100.0	4.1	4.3	38.7	38.5	13.0	.9	.5	d
363	Household appliances.....	35	100.0	.2	5.2	5.6	13.1	25.4	39.7	10.8	d
3634	Electric housewares and fans.....	35	100.0	.2	5.3	5.7	13.3	25.3	39.2	11.0	d
37	Transportation equipment.....	2,128	100.0	4.4	11.0	13.7	30.8	29.4	6.4	4.3	b
371	Motor vehicles and motor vehicle equipment.....	1,623	100.0	4.2	6.8	13.6	34.5	29.3	6.4	5.2	b
3714	Motor vehicle parts and accessories....	56	100.0	.4	5.8	10.4	76.6	5.8	.1	.9	c

See footnote at end of table.

TABLE 2. Percent Distribution of Commodities, by Distance of Shipment: 1967--Continued

TCC code	Commodity	Number	Percent distribution by distance of shipment								Sampling variability code ¹
			All distances	Under 100 miles	100 to 199 miles	200 to 299 miles	300 to 499 miles	500 to 999 miles	1,000 to 1,499 miles	1,500 miles or over	
	TON-MILES OF SHIPMENTS	(millions of ton-miles)									
	Missouri, total.....	11,658	100.0	2.2	6.4	9.6	19.5	37.6	16.8	7.9	-
20	Food and kindred products.....	4,547	100.0	2.6	5.3	8.4	16.3	43.0	22.9	1.5	-
201	Meat, poultry, and small game; fresh, chilled or frozen.....	640	100.0	1.3	3.3	5.4	12.2	50.9	22.4	4.5	-
204	Grain mill products.....	2,442	100.0	3.4	5.8	5.9	16.6	42.0	25.3	1.0	-
26	Pulp, paper, and allied products.....	248	100.0	2.7	5.3	5.3	9.5	30.1	45.2	1.9	-
265	Containers, boxes and related products, paperboard, fiberboard, and pulpboard.	88	100.0	7.1	11.2	4.1	14.5	33.9	29.2	-	-
28	Chemicals and allied products.....	1,854	100.0	1.8	8.1	17.2	22.2	30.7	4.0	16.0	-
281	Industrial chemicals.....	474	100.0	1.1	2.9	11.3	17.2	33.8	3.2	30.5	-
284	Soap and detergents, cleaning preparations, perfumes, cosmetics, and other toilet preparations.....	286	100.0	.6	2.0	11.8	19.9	36.1	5.2	24.4	-
285	Paints, varnishes, lacquers, enamels, and allied products.....	74	100.0	1.2	10.1	25.3	26.8	32.6	3.6	.4	-
2851	Paints, varnishes, lacquers, enamels, and allied products.....	74	100.0	1.2	10.1	25.3	26.8	32.6	3.6	.4	-
314	Footwear (except rubber).....	9	100.0	12.4	.2	1.7	10.0	37.5	8.2	30.0	-
32	Stone, clay, and glass products.....	1,308	100.0	2.6	7.8	7.0	20.6	42.2	9.9	9.9	-
325	Structural clay products.....	738	100.0	.9	1.1	4.9	16.1	52.5	14.1	10.4	-
3255	Refractories, clay and nonclay.....	738	100.0	.9	1.1	4.9	16.1	52.5	14.1	10.4	-
33	Primary metal products.....	609	100.0	.4	2.8	8.7	21.0	47.9	15.7	3.5	-
331	Steel works and rolling mill products..	266	100.0	.4	4.4	13.3	18.8	37.3	23.0	2.8	-
3312	Primary iron and steel products (except coke-oven products).....	139	100.0	.5	6.8	21.0	30.9	29.1	11.6	.1	-
332	Iron and steel castings.....	48	100.0	.7	.8	15.3	17.7	46.8	.3	18.4	-
3321	Iron and steel castings.....	48	100.0	.7	.8	15.3	17.7	46.8	.3	18.4	-
335	Nonferrous metal basic shapes.....	46	100.0	.2	.9	3.6	12.8	31.4	40.7	10.4	-
34	Fabricated metal products.....	339	100.0	.6	7.3	14.4	23.8	32.8	19.1	2.0	-
349	Miscellaneous fabricated metal products	37	100.0	.1	.9	8.5	11.2	39.4	26.0	13.9	-
35	Machinery, except electrical.....	189	100.0	.1	1.4	3.9	15.9	40.6	30.6	7.5	-
358	Service industry machines.....	53	100.0	.1	1.0	3.6	11.7	59.5	16.2	7.9	-
3585	Refrigerators and refrigeration machinery (except household), and complete air-conditioning units.....	34	100.0	.1	1.4	4.3	6.6	63.3	12.7	11.6	-
36	Electrical machinery and equipment.....	286	100.0	1.1	1.1	10.7	19.3	38.3	21.7	7.8	-
362	Electrical industrial apparatus.....	60	100.0	.7	1.9	25.6	40.1	26.4	2.8	2.5	-
3621	Motors and generators.....	57	100.0	.7	1.5	26.3	40.6	26.1	2.8	2.0	-
363	Household appliances.....	32	100.0	-	.9	1.5	5.4	21.0	51.7	19.5	-
3634	Electric housewares and fans.....	31	100.0	-	.9	1.6	5.5	20.9	51.2	19.9	-
37	Transportation equipment.....	1,155	100.0	.5	3.0	6.4	23.9	37.5	14.9	13.8	-
371	Motor vehicles and motor vehicle equipment.....	911	100.0	.4	1.9	6.2	25.8	35.1	14.3	16.3	-
3714	Motor vehicle parts and accessories....	24	100.0	.1	1.9	6.0	77.9	10.1	.3	3.7	-

¹Code letter indicates a sampling variability range as follows: a, 0-9 percent; b, 10-19 percent; c, 20-29 percent; and d, 30-50 percent. The variability for ton-miles has not been estimated.

TABLE 3. Percent Distribution of Commodities, by Geographic Division of Destination: 1967

TCC code	Commodity	Number	Percent distribution by geographic division ¹ of destination										Sampling variability code ³
			All means of transport	New England	Middle Atlantic	East North Central	West North Central	South Atlantic	East South Central	West South Central	Mountain	Pacific ²	
	TONS OF SHIPMENTS	(thous. of tons)											
	Missouri, total.....	29,137	100.0	1.5	5.5	24.2	35.3	6.3	8.7	12.5	2.5	3.5	-
20	Food and kindred products.....	10,982	100.0	2.2	7.1	22.2	34.7	9.4	7.1	13.0	1.8	2.5	c
201	Meat, poultry, and small game; fresh, chilled or frozen.....	1,198	100.0	3.2	13.5	21.9	26.6	14.0	8.7	8.2	1.3	2.6	d
204	Grain mill products.....	6,210	100.0	1.4	6.6	18.0	39.8	7.1	7.6	16.2	.2	3.1	d
26	Pulp, paper, and allied products.....	597	100.0	.9	2.7	34.4	32.5	3.8	3.2	7.4	2.8	12.3	d
265	Containers, boxes and related products, paperboard, fiberboard, and pulpboard.	361	100.0	-	1.5	43.5	32.6	1.2	4.8	8.9	2.4	5.1	d
28	Chemicals and allied products.....	5,046	100.0	.5	3.2	18.4	49.2	3.3	6.0	13.0	2.6	3.8	d
281	Industrial chemicals.....	934	100.0	1.3	11.8	34.6	19.8	5.3	5.7	9.1	2.8	9.6	c
284	Soap and detergents, cleaning preparations, perfumes, cosmetics, and other toilet preparations.....	566	100.0	1.6	4.8	35.3	14.9	11.5	5.2	17.2	1.8	7.7	b
285	Paints, varnishes, lacquers, enamels, and allied products.....	233	100.0	-	.4	17.8	42.3	1.0	11.9	25.6	.8	.2	d
2851	Paints, varnishes, lacquers, enamels, and allied products.....	233	100.0	-	.4	17.8	42.3	1.0	11.9	25.6	.8	.2	d
314	Footwear (except rubber).....	23	100.0	1.0	6.6	9.1	56.8	6.4	1.7	8.7	1.3	8.4	d
32	Stone, clay, and glass products.....	3,696	100.0	.4	5.9	34.6	19.9	4.5	20.3	10.0	1.1	3.3	b
325	Structural clay products.....	1,338	100.0	.9	10.1	35.7	11.5	6.5	6.4	20.1	2.6	6.2	d
3255	Refractories, clay and nonclay.....	1,338	100.0	.9	10.1	35.7	11.5	6.5	6.4	20.1	2.6	6.2	d
33	Primary metal products.....	1,281	100.0	.9	5.9	41.3	21.0	7.4	2.0	13.6	4.4	3.5	c
331	Steel works and rolling mill products..	581	100.0	.4	3.0	28.1	30.3	3.9	1.0	22.9	6.5	3.9	c
3312	Primary iron and steel products (except coke-oven products).....	385	100.0	-	1.4	37.2	33.4	.4	.2	20.7	6.7	-	c
332	Iron and steel castings.....	100	100.0	.1	24.1	43.5	5.7	9.1	8.6	2.4	1.2	5.3	b
3321	Iron and steel castings.....	100	100.0	.1	24.1	43.5	5.7	9.1	8.6	2.4	1.2	5.3	b
335	Nonferrous metal basic shapes.....	64	100.0	.4	7.8	38.7	6.9	7.8	7.6	6.3	1.6	22.9	d
34	Fabricated metal products.....	832	100.0	.3	6.7	28.0	25.1	7.5	13.4	16.2	1.4	1.4	d
349	Miscellaneous fabricated metal products	57	100.0	1.5	11.2	50.2	12.5	5.9	3.6	3.0	.5	11.6	d
35	Machinery, except electrical.....	286	100.0	1.3	18.1	21.6	16.1	8.7	8.0	12.9	5.7	7.6	a
358	Service industry machines.....	78	100.0	1.0	28.6	21.2	10.5	18.9	5.1	6.0	4.4	4.3	c
3585	Refrigerators and refrigeration machinery (except household), and complete air-conditioning units.....	48	100.0	1.4	40.2	14.6	12.6	15.6	2.9	.9	6.6	5.2	d
36	Electrical machinery and equipment.....	532	100.0	.7	6.6	33.0	13.7	10.3	4.0	22.9	5.4	3.4	c
362	Electrical industrial apparatus.....	155	100.0	.2	7.1	60.2	10.8	5.3	7.5	7.5	.8	.6	d
3621	Motors and generators.....	149	100.0	.2	7.1	59.9	11.2	5.1	7.4	7.8	.8	.5	d
363	Household appliances.....	35	100.0	2.7	28.9	21.1	6.9	6.7	2.3	3.7	4.0	23.7	d
3634	Electric housewares and fans.....	35	100.0	1.1	29.0	21.5	7.1	6.9	2.4	3.7	4.1	24.2	d
37	Transportation equipment.....	2,128	100.0	1.1	7.2	23.2	14.1	4.4	12.0	22.6	8.5	6.9	b
371	Motor vehicles and motor vehicle equipment.....	1,623	100.0	1.3	4.7	21.7	16.8	4.5	7.0	26.9	9.8	7.3	b
3714	Motor vehicle parts and accessories....	56	100.0	-	3.7	86.4	1.9	.5	4.4	1.9	.3	.9	c

See footnotes at end of table.

TABLE 3. Percent Distribution of Commodities, by Geographic Division of Destination: 1967--Continued

TCC code	Commodity	Number	Percent distribution by geographic division ¹ of destination										Sampling variability code ³
			All means of transport	New England	Middle Atlantic	East North Central	West North Central	South Atlantic	East South Central	West South Central	Mountain	Pacific ²	
	TON-MILES OF SHIPMENTS	(millions of ton-miles)											
	Missouri, total.....	11,658	100.0	4.1	12.0	19.1	14.0	11.9	6.5	13.6	5.2	13.6	-
20	Food and kindred products.....	4,547	100.0	5.7	15.6	18.9	10.9	18.0	7.4	11.2	3.6	8.7	-
201	Meat, poultry, and small game; fresh, chilled or frozen.....	640	100.0	7.3	22.6	16.6	6.9	21.9	7.7	7.8	2.0	7.4	-
204	Grain mill products.....	2,442	100.0	4.1	16.0	19.6	11.1	15.5	8.6	13.4	.5	11.2	-
26	Pulp, paper, and allied products.....	248	100.0	2.8	5.5	15.4	9.8	7.6	2.9	9.6	4.8	41.6	-
265	Containers, boxes and related products, paperboard, fiberboard, and pulpboard.....	88	100.0	-	4.5	19.3	10.2	2.6	7.1	19.8	7.6	28.9	-
28	Chemicals and allied products.....	1,854	100.0	1.4	7.5	13.4	29.1	5.7	5.2	14.8	5.9	17.0	-
281	Industrial chemicals.....	474	100.0	2.7	19.7	19.2	8.4	5.8	3.1	6.6	3.9	30.6	-
284	Soap and detergents, cleaning preparations, perfumes, cosmetics, and other toilet preparations.....	286	100.0	3.1	7.8	19.7	6.2	13.8	3.1	18.3	3.4	24.6	-
285	Paints, varnishes, lacquers, enamels, and allied products.....	74	100.0	.1	1.0	18.6	32.6	2.6	10.2	31.2	2.9	.8	-
2851	Paints, varnishes, lacquers, enamels, and allied products.....	74	100.0	.1	1.0	18.6	32.6	2.6	10.2	31.2	2.9	.8	-
314	Footwear (except rubber).....	9	100.0	2.8	14.6	7.8	14.5	10.9	1.5	11.6	2.8	33.5	-
32	Stone, clay, and glass products.....	1,308	100.0	1.1	12.9	27.6	4.5	8.4	10.6	16.8	3.4	14.7	-
325	Structural clay products.....	738	100.0	1.8	14.7	22.8	2.4	8.4	4.9	22.5	5.1	17.4	-
3255	Refractories, clay and nonclay.....	738	100.0	1.8	14.7	22.8	2.4	8.4	4.9	22.5	5.1	17.4	-
33	Primary metal products.....	609	100.0	2.0	10.1	30.0	11.4	11.7	1.7	14.6	7.8	10.7	-
331	Steel works and rolling mill products..	266	100.0	1.0	6.1	20.0	16.1	7.8	.8	24.8	11.3	12.1	-
3312	Primary iron and steel products (except coke-oven products).....	139	100.0	-	3.5	30.7	24.7	1.0	.1	23.4	16.5	.1	-
332	Iron and steel castings.....	48	100.0	.1	34.4	22.4	4.1	9.8	6.3	2.5	2.0	18.4	-
3321	Iron and steel castings.....	48	100.0	.1	34.4	22.4	4.1	9.8	6.3	2.5	2.0	18.4	-
335	Nonferrous metal basic shapes.....	46	100.0	.5	9.8	22.5	2.2	8.9	4.7	3.0	1.9	46.5	-
34	Fabricated metal products.....	339	100.0	.8	13.8	21.8	15.2	16.3	8.7	15.6	2.7	5.1	-
349	Miscellaneous fabricated metal products	37	100.0	2.7	16.9	35.1	5.8	7.0	2.6	2.3	.7	26.9	-
35	Machinery, except electrical.....	189	100.0	2.1	25.5	13.6	6.5	10.5	5.8	10.7	8.4	16.9	-
358	Service industry machines.....	53	100.0	1.6	35.5	10.5	4.6	22.0	3.6	5.1	7.4	9.7	-
3585	Refrigerators and refrigeration machinery (except household), and complete air-conditioning units.....	34	100.0	2.2	46.3	5.7	4.9	15.9	1.8	.7	10.9	11.6	-
36	Electrical machinery and equipment.....	286	100.0	1.3	10.9	18.4	6.0	14.6	2.1	25.4	10.7	10.6	-
362	Electrical industrial apparatus.....	60	100.0	.6	15.8	49.8	8.0	8.3	4.3	8.2	2.5	2.5	-
3621	Motors and generators.....	57	100.0	.4	15.9	50.3	8.2	7.8	4.2	8.6	2.6	2.0	-
363	Household appliances.....	32	100.0	3.2	32.2	8.9	3.1	5.5	.9	2.2	4.5	39.5	-
3634	Electric housewares and fans.....	31	100.0	1.4	32.5	9.1	3.1	5.7	.9	2.2	4.7	40.4	-
37	Transportation equipment.....	1,155	100.0	2.0	11.2	14.4	7.1	5.7	6.4	19.5	13.1	20.6	-
371	Motor vehicles and motor vehicle equipment.....	911	100.0	2.4	6.8	13.2	8.0	5.3	4.8	23.0	14.9	21.6	-
3714	Motor vehicle parts and accessories....	24	100.0	-	6.8	81.8	1.3	.6	2.5	2.7	.6	3.7	-

¹For States included in the geographic divisions, see map on inside cover.²Shipments to Alaska and Hawaii from the 48 conterminous States and the District of Columbia are included; no data were obtained for shipments originating in Alaska and Hawaii.³Code letter indicates a sampling variability range as follows: a, 0-9 percent; b, 10-19 percent; c, 20-29 percent; and d, 30-50 percent. The variability for ton-miles has not been estimated.

NEW JERSEY

SUMMARY

The estimates of tons and ton-miles are based on reports from a sample of manufacturing establishments located in the State of New Jersey. The total tons and ton-miles represent the total intercity shipments by essentially all manufacturing establishments in the State, except for plants with less than 20 employees. However, since the data are based on a sample, the estimates necessarily are subject to "sampling variability."

The approximate degree of sampling variability for tons for each commodity or commodity class is indicated in the last column of tables 1 to 3. In general, most of the commodity data in this report are subject to substantial sampling variability and should be treated as approximate rather than precise measures.

About 41.8 million tons of commodities were shipped by plants in this area to destinations beyond the local area. These shipments generated 9.8 billion ton-miles by all means of transport combined, and averaged about 235 straight-line miles per ton shipped.

Table B indicates that 56 percent of the tons moved less than 100 miles and that mileage block accounts for about 10 percent of the ton-miles.

Motor carrier is the dominant means of transport, accounting for about 42 percent of the total tons. When measured in terms of ton-miles rather than tons, motor carrier is still dominant, accounting for 44 percent.

As shown in table A and B, petroleum and coal products have a marked influence on the distribution of shipments as a result of their large volume and unusual traffic pattern. Consequently, two totals are shown: (1) all commodities combined, and (2) the total exclusive of petroleum and coal products. The influence of these products is most evident in connection with shipments by water, as measured by both tons and ton-miles.

As shown in table C, about 74 percent of the total tons shipped by plants in New Jersey remained in the Northeast Region. However, for some commodity groups (such as Machinery and Miscellaneous Products of Manufacturing) a more widespread distribution is indicated.

Table A. PERCENT DISTRIBUTION OF SHIPMENTS, AND AVERAGE LENGTH OF HAUL, BY MEANS OF TRANSPORT

Means of transport	Tons	Ton-miles	Average length of haul
	(thou-sands)	(millions)	(miles)
All commodities.....	41,840	9,832	-
All commodities except petroleum and coal products.....	25,939	7,992	-
Percent distribution			
ALL COMMODITIES			
All means of transport.....	100.0	100.0	235
Rail.....	14.7	33.3	532
Motor carrier.....	41.7	44.4	250
Private truck.....	13.1	6.6	118
Air.....	.1	.5	-
Water.....	29.9	13.9	-
All other.....	.5	1.3	-
ALL COMMODITIES EXCEPT PETROLEUM AND COAL PRODUCTS			
All means of transport.....	100.0	100.0	308
Rail.....	18.7	34.7	571
Motor carrier.....	59.2	51.9	270
Private carrier.....	20.3	7.7	118
Air.....	.2	.6	-
Water.....	.8	3.5	-
All other.....	.8	1.6	-

Note: Average length of haul is based on straight-line miles from plant to customer or primary redistribution point, weighted by tonnage shipped (i.e., ton-miles divided by tons). Rail short-line and highway direct-route distances average about 24 and 21 percent, respectively, longer than straight-line distances.

Table B. PERCENT DISTRIBUTION OF SHIPMENTS BY DISTANCE OF SHIPMENT

Distance shipped	Tons	Ton-miles
ALL COMMODITIES		
All distances.....	100.0	100.0
Under 100 miles.....	56.0	9.5
100 to 199 miles.....	15.3	9.5
200 to 299 miles.....	10.4	10.9
300 to 499 miles.....	5.9	10.0
500 to 999 miles.....	7.3	21.5
1,000 to 1,499 miles.....	2.7	14.0
1,500 miles and over.....	2.4	24.6
ALL COMMODITIES EXCEPT PETROLEUM AND COAL PRODUCTS		
All distances.....	100.0	100.0
Under 100 miles.....	44.6	6.5
100 to 199 miles.....	18.2	8.9
200 to 299 miles.....	11.1	9.2
300 to 499 miles.....	8.2	10.6
500 to 999 miles.....	11.2	25.1
1,000 to 1,499 miles.....	3.1	12.0
1,500 miles and over.....	3.6	27.7

Table C. PERCENT DISTRIBUTION OF TONS OF COMMODITIES BY REGION OF DESTINATION

TCC code	Commodity class	Tons (thousands)	Percent distribution by region ¹ of destination				
			All destinations	North-east	North Central	South	West
	Total.....	² 41,840	100.0	74.1	8.2	15.4	2.3
20	Food and kindred products.....	5,639	100.0	74.1	6.7	18.0	1.2
22	Basic textiles.....	209	100.0	47.3	14.0	18.6	20.1
25	Furniture and fixtures.....	241	100.0	39.9	22.0	28.5	9.6
26	Pulp, paper, and allied products.....	1,828	100.0	78.0	9.5	11.3	1.2
28	Chemicals and allied products.....	7,236	100.0	65.3	11.8	18.2	4.7
29	Petroleum and coal products.....	15,901	100.0	85.6	1.9	12.0	.5
30	Rubber and miscellaneous plastics products.....	630	100.0	43.3	22.4	21.8	12.5
32	Stone, clay and glass products.....	3,083	100.0	77.1	5.0	17.0	.9
33	Primary metal products.....	2,663	100.0	62.0	17.9	16.5	3.6
34	Fabricated metal products.....	1,241	100.0	69.7	15.8	12.7	1.8
35	Machinery, except electrical.....	681	100.0	30.3	49.9	13.0	6.8
36	Electrical machinery and equipment.....	609	100.0	38.2	29.9	23.8	8.1
38	Instruments, photographic goods, optical goods, watches, and clocks.....	76	100.0	51.1	8.9	28.2	11.8
39	Miscellaneous products of manufacturing.....	104	100.0	34.9	21.1	24.2	19.8

¹See map, on inside cover for areas included in the regions of the United States.

²Total includes commodities not shown separately.

TABLE 1. Percent Distribution of Commodities, by Means of Transport: 1967

TCC code	Commodity	Number	Percent distribution by means of transport								Sampling variability code
			All means of transport	Rail	Motor carrier	Private truck	Air	Water	Other	Unknown	
	TONS OF SHIPMENTS	(thousands of tons)									
	New Jersey, total.....	41,840	100.0	14.7	41.7	13.1	0.1	29.9	0.4	0.1	-
20	Food and kindred products.....	5,639	100.0	18.0	52.8	28.4	-	.4	-	.4	b
201	Meat, poultry, and small game; fresh, chilled or frozen.....	72	100.0	16.7	42.6	35.5	-	-	-	5.2	d
2013	Meat products.....	39	100.0	-	53.3	46.7	-	-	-	-	d
203	Canned and preserved fruits, vegetables, and seafoods.....	1,454	100.0	30.3	52.6	16.0	-	-	-	1.1	b
2033	Canned fruits and vegetables.....	412	100.0	10.5	51.8	37.7	-	-	-	-	d
2037	Frozen fruits, vegetables, fruit juices, and specialties.....	137	100.0	-	59.3	40.4	-	-	-	.3	c
208	Beverages and flavoring extracts.....	2,258	100.0	16.6	32.7	49.6	-	.9	-	.2	b
2082	Malt liquors.....	1,418	100.0	16.7	36.3	46.7	-	.3	-	-	a
209	Miscellaneous food preparations and kindred products.....	1,278	100.0	9.5	78.4	12.0	-	.1	-	-	d
2099	Miscellaneous food preparations.....	225	100.0	4.1	61.8	33.7	-	.4	-	-	d
22	Basic textiles.....	209	100.0	4.7	81.2	11.4	.7	.2	1.8	-	d
233	Women's, misses', girls', and infants' clothing.....	35	100.0	10.9	63.5	2.7	1.2	-	21.6	.1	d
2331	Women's, misses', girls', and infants' clothing.....	35	100.0	10.9	63.5	2.7	1.2	-	21.6	.1	d
25	Furniture and fixtures.....	241	100.0	46.0	45.7	8.3	-	-	-	-	d
251	Household and office furniture.....	234	100.0	47.2	44.5	8.3	-	-	-	-	d
26	Pulp, paper, and allied products.....	1,828	100.0	16.1	45.9	37.2	-	.6	.1	.1	b
262	Paper (except building paper).....	287	100.0	33.6	38.3	26.4	-	1.4	.3	-	d
2621	Paper (except building paper).....	287	100.0	33.6	38.3	26.4	-	1.4	.3	-	d
263	Paperboard, fiberboard, and pulpboard (except insulating board).....	312	100.0	7.4	75.6	16.6	-	-	-	.4	c
2631	Paperboard, fiberboard, and pulpboard (except insulating board).....	312	100.0	7.4	75.6	16.6	-	-	-	.4	c
264	Converted paper and paperboard products (except containers and boxes).....	449	100.0	11.5	45.8	41.1	-	1.6	-	-	d
265	Containers, boxes and related products, paperboard, fiberboard, and pulpboard.....	682	100.0	14.9	35.1	49.9	.1	-	-	-	c
2651	Containers, boxes, baskets, pallets and skids, paperboard, fiberboard, and pulpboard.....	322	100.0	15.3	28.7	55.8	.2	-	-	-	d
2654	Sanitary food containers.....	341	100.0	14.6	40.7	44.7	-	-	-	-	d
266	Building paper and building board.....	98	100.0	22.0	49.0	29.0	-	-	-	-	b
2661	Building paper and building board.....	98	100.0	22.0	49.0	29.0	-	-	-	-	b
28	Chemicals and allied products.....	7,236	100.0	17.6	58.7	20.6	.1	1.3	1.4	.3	a
281	Industrial chemicals.....	2,722	100.0	25.6	42.0	28.3	-	1.6	2.3	.2	c
2815	Dyes and dye (cyclic) intermediates and organic pigments (lakes and toners)...	210	100.0	26.1	56.3	5.9	-	1.5	10.2	-	b
2818	Miscellaneous industrial organic chemicals.....	412	100.0	19.8	66.7	6.2	-	2.1	5.2	-	d
2819	Miscellaneous industrial inorganic chemicals.....	921	100.0	41.4	41.5	12.3	-	2.7	2.1	-	b
282	Plastic materials and plasticizers, synthetic resins, rubbers, and fibers.....	1,048	100.0	18.3	69.9	8.0	.1	3.2	.3	.2	a
2821	Plastic materials and plasticizers, synthetic resins, rubbers, and fibers.....	1,048	100.0	18.3	69.9	8.0	.1	3.2	.3	.2	a

See footnote at end of table.

TABLE 1. Percent Distribution of Commodities, by Means of Transport: 1967--Continued

TCC code	Commodity	Number	Percent distribution by means of transport								Sampling vari- ability code ¹
			All means of transport	Rail	Motor carrier	Pri- vate truck	Air	Water	Other	Un- known	
	TONS OF SHIPMENTS--Continued	(thousands of tons)									
283	Drugs (biological products, medicinal chemicals, botanical products and pharmaceutical preparations).....	374	100.0	25.4	68.2	3.8	0.2	0.5	1.9	-	
2831	Drugs (biological products, medicinal chemicals, botanical products and pharmaceutical preparations).....	374	100.0	25.4	68.2	3.8	.2	.5	1.9	-	a
284	Soap and detergents, cleaning prepara- tions, perfumes, cosmetics, and other toilet preparations.....	1,458	100.0	7.9	60.5	29.3	.1	.5	1.4	0.3	c
2841	Soap and other detergents (except specialty cleansers).....	907	100.0	4.0	55.7	39.7	-	.1	-	.5	c
2842	Specialty cleaning, polishing, and sanitation preparations (except soap and detergents).....	168	100.0	23.7	65.2	11.1	-	-	-	-	d
2844	Perfumes, cosmetics, and other toilet preparations.....	249	100.0	15.6	72.5	.6	.4	2.7	8.2	-	b
285	Paints, varnishes, lacquers, enamels, and allied products.....	570	100.0	3.3	93.2	2.8	-	-	.7	-	b
2851	Paints, varnishes, lacquers, enamels, and allied products.....	570	100.0	3.3	93.2	2.8	-	-	.7	-	b
287	Agricultural chemicals.....	258	100.0	48.7	41.6	9.2	-	.5	-	-	d
289	Miscellaneous chemical products.....	807	100.0	3.8	74.5	19.8	.5	.5	.2	.7	b
2891	Glue and gelatin.....	236	100.0	-	72.6	23.7	1.2	-	.1	2.4	d
2899	Chemical products, n.e.c.....	414	100.0	5.3	70.2	23.8	.4	.1	.2	-	b
29	Petroleum and coal products.....	15,901	100.0	8.1	13.2	1.4	-	77.3	-	-	b
291	Products of petroleum refining.....	13,691	100.0	4.8	5.1	1.4	-	88.7	-	-	b
2911	Products of petroleum refining (except liquefied petroleum gases and petro- leum coke and breeze).....	13,499	100.0	3.8	4.9	1.3	-	90.0	-	-	b
295	Paving and roofing materials.....	1,364	100.0	2.6	92.6	2.3	-	2.5	-	-	b
2952	Asphalt felt and coatings.....	494	100.0	6.1	87.5	6.3	-	-	-	.1	b
299	Miscellaneous petroleum and coal products.....	846	100.0	69.9	17.4	.2	-	12.5	-	-	d
2991	Miscellaneous petroleum and coal products.....	846	100.0	69.9	17.4	.2	-	12.5	-	-	d
30	Rubber and miscellaneous plastics products.....	630	100.0	9.1	80.1	8.7	.2	-	1.4	.5	c
307	Miscellaneous plastic products.....	455	100.0	10.5	75.5	11.7	.1	-	1.7	.5	c
3071	Miscellaneous plastic products.....	455	100.0	10.5	75.5	11.7	.1	-	1.7	.5	c
32	Stone, clay, and glass products.....	3,083	100.0	11.3	70.7	17.7	-	.1	.1	.1	b
322	Glass and glassware, pressed and blown.....	1,413	100.0	6.4	81.7	11.9	-	-	-	-	b
3221	Glass containers, caps and covers.....	1,140	100.0	6.0	79.6	14.4	-	-	-	-	b
326	Pottery and related products.....	15	100.0	-	60.5	34.3	.1	-	5.1	-	d
327	Concrete, gypsum, plaster, and plaster products.....	509	100.0	-	94.1	5.9	-	-	-	-	d
3271	Concrete products.....	444	100.0	-	93.3	6.7	-	-	-	-	d
329	Abrasives, asbestos, and miscellaneous nonmetallic mineral products.....	537	100.0	42.2	54.9	2.6	-	.1	.1	.1	d
3292	Asbestos products.....	88	100.0	2.1	91.5	5.2	-	.4	.1	.7	s
33	Primary metal products.....	2,663	100.0	43.4	44.9	9.3	-	2.4	-	-	c
3312	Primary iron and steel products (except coke-oven products).....	150	100.0	24.9	58.5	8.3	-	8.3	-	-	c
332	Iron and steel castings.....	322	100.0	4.2	89.1	6.0	-	.7	-	-	c
3321	Iron and steel castings.....	322	100.0	4.2	89.1	6.0	-	.7	-	-	c
335	Nonferrous metal basic shapes.....	1,099	100.0	29.6	55.3	11.2	-	3.9	-	-	b
3351	Copper, brass, bronze, and other copper base alloy basic shapes.....	611	100.0	36.1	46.5	11.5	-	5.9	-	-	s

See footnote at end of table.

TABLE 1. Percent Distribution of Commodities, by Means of Transport: 1967--Continued

TCC code	Commodity	Number	Percent distribution by means of transport								Sampling variability code ¹
			All means of transport	Rail	Motor carrier	Private truck	Air	Water	Other	Unknown	
	TONS OF SHIPMENTS--Continued	(thousands of tons)									
3356	Miscellaneous nonferrous metal basic shapes (plate, sheet, strip, rods, bars, pipe, and tubing).....	6	100.0	6.2	92.4	0.4	0.5	-	0.4	0.1	d
3357	Nonferrous wire (including insulated wire).....	458	100.0	22.7	65.7	10.2	-	1.3	.1	-	d
336	Nonferrous and nonferrous base alloy castings.....	35	100.0	-	81.6	16.8	.2	.8	.6	-	d
339	Miscellaneous primary metal products...	24	100.0	.7	65.9	33.0	.1	-	.3	-	d
3399	Primary metal products, n.e.c.....	10	100.0	1.8	58.2	38.8	.4	-	.8	-	b
34	Fabricated metal products.....	1,241	100.0	7.8	71.8	18.9	.5	.6	.4	-	c
341	Metal cans.....	289	100.0	10.4	73.3	13.9	.2	1.9	.2	.1	a
3411	Metal cans.....	289	100.0	10.4	73.3	13.9	.2	1.9	.2	.1	a
342	Cutlery, hand tools, and general hardware.....	86	100.0	43.1	50.4	2.4	1.5	.6	2.0	-	c
3429	Miscellaneous hardware.....	80	100.0	46.2	48.9	2.3	1.6	.6	.4	-	c
3433	Heating equipment (except electric)....	25	100.0	16.9	81.7	1.3	.1	-	-	-	c
349	Miscellaneous fabricated metal products	153	100.0	6.5	46.3	46.2	.1	-	.9	-	d
3494	Valves and pipe fittings (except plumbers' brass goods and fittings)...	8	100.0	.1	64.7	18.7	1.6	.1	14.4	.4	c
35	Machinery, except electrical.....	681	100.0	22.3	64.8	10.2	.8	.7	1.2	-	b
353	Construction, mining, and materials handling machinery and equipment.....	176	100.0	10.4	58.7	29.1	.5	.3	1.0	-	b
3544	Special dies and tools, die sets, jigs, fixtures, and industrial molds and patterns.....	1	100.0	-	57.4	18.3	23.7	-	.6	-	d
355	Special industry machinery (except metalworking machinery).....	37	100.0	2.7	92.7	.8	1.0	-	2.8	-	d
359	Miscellaneous machinery and parts (except electrical).....	19	100.0	17.4	45.0	26.7	1.4	9.2	.3	-	d
3599	Miscellaneous machinery and parts (except electrical).....	19	100.0	17.4	45.0	26.7	1.4	9.2	.3	-	d
36	Electrical machinery and equipment....	609	100.0	18.2	70.3	4.6	1.8	-	5.1	-	b
361	Electrical transmission and distribution equipment.....	60	100.0	21.3	72.3	4.1	1.3	-	1.0	-	b
3611	Electrical measuring instruments and test equipment.....	3	100.0	2.5	55.6	6.2	26.4	.3	9.0	-	c
364	Electric lighting and wiring equipment	65	100.0	13.3	73.4	1.5	.5	-	11.1	.2	d
3642	Lighting fixtures.....	49	100.0	17.5	64.9	2.0	.6	-	14.7	.3	d
365	Radio and television receiving sets (except communication types), phonographs, and phonograph records.....	158	100.0	27.4	65.4	2.9	.1	-	4.2	-	b
367	Electronic components or accessories...	37	100.0	.8	78.5	6.7	7.5	-	6.5	-	c
3679	Miscellaneous electronic components and accessories.....	31	100.0	-	86.8	6.0	2.3	-	4.9	-	c
372	Aircraft and parts.....	3	100.0	.9	81.9	1.7	9.5	5.6	.2	.2	d
38	Instruments, photographic goods, optical goods, watches, and clocks.....	76	100.0	2.6	85.5	4.5	.7	.8	3.9	2.0	d
381	Engineering, laboratory, and scientific instruments.....	2	100.0	12.6	36.3	1.6	23.7	16.1	9.7	-	d
3811	Engineering, laboratory, and scientific instruments.....	2	100.0	12.6	36.3	1.6	23.7	16.1	9.7	-	d
39	Miscellaneous products of manufacturing	104	100.0	2.3	92.9	1.8	.5	-	2.5	-	c

See footnote at end of table.

TABLE 1. Percent Distribution of Commodities, by Means of Transport: 1967--Continued

TCC code	Commodity	Number	Percent distribution by means of transport								Sampling variability code ¹
			All means of transport	Rail	Motor carrier	Private truck	Air	Water	Other	Unknown	
	TON MILES OF SHIPMENTS	(millions of ton-miles)									
	New Jersey, total.....	9,832	100.0	33.3	44.4	6.6	0.5	13.9	1.1	0.2	-
20	Food and kindred products.....	1,264	100.0	32.5	49.4	13.9	-	3.9	-	.3	-
201	Meat, poultry, and small game; fresh, chilled or frozen.....	16	100.0	61.6	25.6	11.0	-	-	-	1.8	-
2013	Meat products.....	4	100.0	-	76.9	23.1	-	-	-	-	-
203	Canned and preserved fruits, vegetables, and seafoods.....	316	100.0	45.7	43.3	9.7	-	.2	-	1.1	-
2033	Canned fruits and vegetables.....	74	100.0	12.1	60.3	27.6	-	-	-	-	-
2037	Frozen fruits, vegetables, fruit juices, and specialties.....	28	100.0	-	79.6	20.3	-	-	-	.1	-
208	Beverages and flavoring extracts.....	467	100.0	34.6	31.8	23.6	-	10.0	-	-	-
2082	Malt liquors.....	327	100.0	40.1	32.9	24.3	-	2.7	-	-	-
209	Miscellaneous food preparations and kindred products.....	277	100.0	17.1	75.8	6.7	-	.4	-	-	-
2099	Miscellaneous food preparations.....	78	100.0	9.8	73.3	15.4	-	1.5	-	-	-
22	Basic textiles.....	151	100.0	6.2	88.0	1.8	1.4	.2	2.4	-	-
233	Women's, misses', girls', and infants' clothing.....	25	100.0	36.7	35.8	.1	1.4	.1	25.8	.1	-
2331	Women's, misses', girls', and infants' clothing.....	25	100.0	36.7	35.8	.1	1.4	.1	25.8	.1	-
25	Furniture and fixtures.....	135	100.0	48.4	49.7	1.9	-	-	-	-	-
251	Household and office furniture.....	133	100.0	48.7	49.3	2.0	-	-	-	-	-
26	Pulp, paper, and allied products.....	382	100.0	38.9	43.9	13.3	.2	3.5	.2	-	-
262	Paper (except building paper).....	114	100.0	45.6	32.6	9.7	.1	11.3	.7	-	-
2621	Paper (except building paper).....	114	100.0	45.6	32.6	9.7	.1	11.3	.7	-	-
263	Paperboard, fiberboard, and pulpboard (except insulating board).....	38	100.0	50.8	36.6	12.4	-	-	-	.2	-
2631	Paperboard, fiberboard, and pulpboard (except insulating board).....	38	100.0	50.8	36.6	12.4	-	-	-	.2	-
264	Converted paper and paperboard products (except containers and boxes).....	97	100.0	30.3	53.2	16.0	.1	.3	.1	-	-
265	Containers, boxes and related products, paperboard, fiberboard, and pulpboard.....	97	100.0	29.9	53.7	15.9	.5	-	-	-	-
2651	Containers, boxes, baskets, pallets and skids, paperboard, fiberboard, and pulpboard.....	44	100.0	47.7	28.5	22.7	1.0	-	.1	-	-
2654	Sanitary food containers.....	50	100.0	14.8	74.7	10.4	.1	-	-	-	-
266	Building paper and building board.....	35	100.0	53.1	36.0	10.9	-	-	-	-	-
2661	Building paper and building board.....	35	100.0	53.1	36.0	10.9	-	-	-	-	-
28	Chemicals and allied products.....	2,479	100.0	39.8	46.4	7.0	.7	4.2	1.6	.3	-
281	Industrial chemicals.....	778	100.0	61.6	25.0	9.7	.2	1.9	.8	.5	-
2815	Dyes and dye (cyclic) intermediates and organic pigments (lakes and toners)...	77	100.0	33.2	53.1	7.6	-	4.3	1.8	-	-
2818	Miscellaneous industrial organic chemicals.....	128	100.0	52.3	40.2	4.4	-	.7	2.3	.1	-
2819	Miscellaneous industrial inorganic chemicals.....	357	100.0	88.0	9.7	1.4	-	.5	.4	-	-
282	Plastic materials and plasticizers, synthetic resins, rubbers, and fibers.	321	100.0	31.2	40.6	9.4	.2	18.4	.1	.1	-
2821	Plastic materials and plasticizers, synthetic resins, rubbers, and fibers.	321	100.0	31.2	40.6	9.4	.2	18.4	.1	.1	-

See footnote at end of table.

TABLE 1. Percent Distribution of Commodities, by Means of Transport: 1967--Continued

TCC code	Commodity	Number	Percent distribution by means of transport								Sampling variability code ¹
			All means of transport	Rail	Motor carrier	Private truck	Air	Water	Other	Unknown	
	TON-MILES OF SHIPMENTS--Continued	(millions of ton-miles)									
283	Drugs (biological products, medicinal chemicals, botanical products and pharmaceutical preparations).....	385	100.0	39.0	58.0	0.2	0.3	0.7	1.8	-	-
2831	Drugs (biological products, medicinal chemicals, botanical products and pharmaceutical preparations).....	385	100.0	39.0	58.0	.2	.3	.7	1.8	-	-
284	Soap and detergents, cleaning preparations, perfumes, cosmetics, and other toilet preparations.....	454	100.0	25.8	56.2	8.0	1.0	4.0	4.9	0.1	-
2841	Soap and other detergents (except specialty cleansers).....	171	100.0	20.1	63.2	16.4	-	-	-	.3	-
2842	Specialty cleaning, polishing, and sanitation preparations (except soap and detergents).....	105	100.0	55.4	42.7	1.9	-	-	-	-	-
2844	Perfumes, cosmetics, and other toilet preparations.....	159	100.0	15.5	55.6	.8	2.8	11.4	13.9	-	-
285	Paints, varnishes, lacquers, enamels, and allied products.....	166	100.0	7.8	88.1	1.5	.2	.1	2.3	-	-
2851	Paints, varnishes, lacquers, enamels, and allied products.....	166	100.0	7.8	88.1	1.5	.2	.1	2.3	-	-
287	Agricultural chemicals.....	137	100.0	78.0	17.5	3.4	-	1.1	-	-	-
289	Miscellaneous chemical products.....	239	100.0	8.4	74.8	9.6	4.1	2.8	.2	.1	-
2891	Glue and gelatin.....	67	100.0	-	85.5	4.4	9.9	-	-	.2	-
2899	Chemical products, n.e.c.....	90	100.0	14.3	62.1	19.7	3.6	-	.3	-	-
29	Petroleum and coal products.....	1,840	100.0	27.1	12.3	1.7	-	58.9	-	-	-
291	Products of petroleum refining.....	1,540	100.0	20.8	7.1	1.9	-	70.2	-	-	-
2911	Products of petroleum refining (except liquefied petroleum gases and petroleum coke and breeze).....	1,485	100.0	18.2	7.2	1.8	-	72.8	-	-	-
295	Paving and roofing materials.....	89	100.0	12.4	84.4	2.6	-	.6	-	-	-
2952	Asphalt felt and coatings.....	58	100.0	17.1	78.9	4.0	-	-	-	-	-
299	Miscellaneous petroleum and coal products.....	212	100.0	78.7	19.9	.5	-	.9	-	-	-
2991	Miscellaneous petroleum and coal products.....	212	100.0	78.7	19.9	.5	-	.9	-	-	-
30	Rubber and miscellaneous plastics products.....	404	100.0	28.7	66.1	1.8	.2	-	1.4	1.8	-
307	Miscellaneous plastic products.....	305	100.0	32.4	61.8	2.3	.1	-	1.4	2.0	-
3071	Miscellaneous plastic products.....	305	100.0	32.4	61.8	2.3	.1	-	1.4	2.0	-
32	Stone, clay, and glass products.....	527	100.0	23.0	66.4	9.6	.1	.1	.4	.4	-
322	Glass and glassware, pressed and blown.	225	100.0	21.6	67.7	10.3	.2	.1	.1	-	-
3221	Glass containers, caps and covers.....	151	100.0	10.2	74.9	14.6	-	.2	.1	-	-
326	Pottery and related products.....	8	100.0	-	67.7	25.5	.2	-	6.6	-	-
327	Concrete, gypsum, plaster, and plaster products.....	47	100.0	-	97.4	2.6	-	-	-	-	-
3271	Concrete products.....	34	100.0	-	96.5	3.5	-	-	-	-	-
329	Abrasives, asbestos, and miscellaneous nonmetallic mineral products.....	165	100.0	33.9	63.3	1.9	.1	.2	.5	.1	-
3292	Asbestos products.....	45	100.0	7.3	88.1	3.4	-	.6	.2	.4	-
33	Primary metal products.....	962	100.0	53.5	30.0	6.1	-	10.3	.1	-	-
3312	Primary iron and steel products (except coke-oven products).....	92	100.0	16.6	14.8	2.7	-	65.9	-	-	-
332	Iron and steel castings.....	63	100.0	15.4	75.6	4.1	-	4.9	-	-	-
3321	Iron and steel castings.....	63	100.0	15.4	75.6	4.1	-	4.9	-	-	-
335	Nonferrous metal basic shapes.....	470	100.0	51.3	36.0	8.4	.1	4.1	.1	-	-
3351	Copper, brass, bronze, and other copper base alloy basic shapes.....	166	100.0	58.0	31.3	8.5	.1	2.1	-	-	-

See footnote at end of table.

TABLE 1. Percent Distribution of Commodities, by Means of Transport: 1967--Continued

TCC code	Commodity	Number	Percent distribution by means of transport								Sampling variability code ¹
			All means of transport	Rail	Motor carrier	Private truck	Air	Water	Other	Unknown	
	TON-MILES OF SHIPMENTS--Continued	(millions of ton-miles)									
3356	Miscellaneous nonferrous metal basic shapes (plate, sheet, strip, rods, bars, pipe, and tubing).....	2	100.0	17.2	81.0	0.1	0.8	-	0.6	0.3	-
3357	Nonferrous wire (including insulated wire).....	299	100.0	48.3	37.9	8.2	.1	5.3	.2	-	-
336	Nonferrous and nonferrous base alloy castings.....	11	100.0	-	96.9	1.6	.3	-	1.2	-	-
339	Miscellaneous primary metal products...	5	100.0	1.5	57.5	39.7	.4	-	.9	-	-
3399	Primary metal products, n.e.c.....	3	100.0	2.4	35.3	60.1	.7	-	1.5	-	-
34	Fabricated metal products.....	337	100.0	17.7	66.0	8.3	1.1	5.3	1.6	-	-
341	Metal cans.....	56	100.0	31.2	36.6	4.9	.4	24.0	2.9	-	-
3411	Metal cans.....	56	100.0	31.2	36.6	4.9	.4	24.0	2.9	-	-
342	Cutlery, hand tools, and general hardware.....	52	100.0	32.4	55.4	.4	2.8	4.7	4.3	-	-
3429	Miscellaneous hardware.....	48	100.0	35.7	55.4	.2	3.0	5.1	.6	-	-
3433	Heating equipment (except electric)....	17	100.0	50.1	49.8	-	.1	-	-	-	-
349	Miscellaneous fabricated metal products	32	100.0	11.7	38.9	46.5	.7	.1	2.1	-	-
3494	Valves and pipe fittings (except plumbers' brass goods and fittings)...	5	100.0	.4	66.9	14.7	3.7	.6	13.4	.3	-
35	Machinery, except electrical.....	388	100.0	24.1	61.2	10.5	1.6	.9	1.7	-	-
353	Construction, mining, and materials handling machinery and equipment.....	104	100.0	19.9	46.1	30.6	.9	.3	2.2	-	-
3544	Special dies and tools, die sets, jigs, fixtures, and industrial molds and patterns.....	1	100.0	-	23.2	18.3	57.9	-	.6	-	-
355	Special industry machinery (except metalworking machinery).....	17	100.0	14.2	82.7	.1	1.3	-	1.7	-	-
359	Miscellaneous machinery and parts (except electrical).....	16	100.0	37.6	20.3	26.1	1.1	14.9	-	-	-
3599	Miscellaneous machinery and parts (except electrical).....	16	100.0	37.6	20.3	26.1	1.1	14.9	-	-	-
36	Electrical machinery and equipment....	378	100.0	34.8	51.3	2.5	4.2	.1	7.1	-	-
361	Electrical transmission and distribution equipment.....	40	100.0	37.9	53.6	3.5	3.7	-	1.3	-	-
3611	Electrical measuring instruments and test equipment.....	3	100.0	3.7	35.7	4.7	48.5	-	7.4	-	-
364	Electric lighting and wiring equipment.	46	100.0	17.6	62.5	1.7	.4	.1	17.5	.2	-
3642	Lighting fixtures.....	34	100.0	23.8	49.6	2.3	.5	-	23.6	.2	-
365	Radio and television receiving sets (except communication types), phonographs, and phonograph records.....	114	100.0	56.2	35.8	.7	.1	.3	6.9	-	-
367	Electronic components or accessories...	27	100.0	1.5	74.2	2.1	13.8	-	8.4	-	-
3679	Miscellaneous electronic components and accessories.....	21	100.0	.1	88.4	1.0	6.4	-	4.1	-	-
372	Aircraft and parts.....	3	100.0	.8	86.1	.1	12.2	.1	.1	.6	-
38	Instruments, photographic goods, optical goods, watches, and clocks.....	45	100.0	9.9	74.2	2.7	1.5	.3	6.0	5.4	-
381	Engineering, laboratory, and scientific instruments.....	1	100.0	11.8	34.1	.6	41.6	.3	11.6	-	-
3811	Engineering, laboratory, and scientific instruments.....	1	100.0	11.8	34.1	.6	41.6	.3	11.6	-	-
39	Miscellaneous products of manufacturing	90	100.0	3.1	93.1	-	.8	-	3.0	-	-

¹Code letter indicates a sampling variability range as follows: a, 0-9 percent; b, 10-19 percent; c, 20-29 percent; and d, 30-50 percent. The variability for ton-miles has not been estimated.

TABLE 2. Percent Distribution of Commodities, by Distance of Shipment: 1967

TCC code	Commodity	Number	Percent distribution by distance of shipment								Sampling variability code ¹
			All distances	Under 100 miles	100 to 199 miles	200 to 299 miles	300 to 499 miles	500 to 999 miles	1,000 to 1,499 miles	1,500 miles or over	
	TONS OF SHIPMENTS	(thousands of tons)									
	New Jersey, total.....	41,840	100.0	56.0	15.3	10.4	5.9	7.3	2.7	2.4	-
20	Food and kindred products.....	5,639	100.0	43.2	23.7	17.1	5.6	6.9	2.3	1.2	b
201	Meat, poultry, and small game; fresh, chilled or frozen.....	72	100.0	52.9	11.6	18.2	.9	16.4	-	-	d
2013	Meat products.....	39	100.0	62.6	10.6	26.7	.1	-	-	-	d
203	Canned and preserved fruits, vegetables, and seafoods.....	1,454	100.0	40.9	22.5	24.4	4.2	3.6	4.0	.4	b
2033	Canned fruits and vegetables.....	412	100.0	32.7	25.4	37.9	2.1	.4	1.5	-	d
2037	Frozen fruits, vegetables, fruit juices, and specialties.....	137	100.0	37.1	35.9	10.8	5.4	8.3	2.2	.3	c
208	Beverages and flavoring extracts.....	2,258	100.0	44.5	27.5	14.1	5.7	5.4	1.3	1.5	b
2082	Malt liquors.....	1,418	100.0	33.1	31.3	18.1	7.6	7.3	1.8	.8	a
209	Miscellaneous food preparations and kindred products.....	1,278	100.0	43.2	20.7	17.9	8.1	7.7	1.9	.5	d
2099	Miscellaneous food preparations.....	225	100.0	33.1	21.3	16.7	4.0	18.8	3.4	2.7	d
22	Basic textiles.....	209	100.0	31.5	17.0	4.8	5.3	17.4	3.8	20.2	d
233	Women's, misses', girls', and infants' clothing.....	35	100.0	40.4	10.4	2.8	4.8	14.7	8.3	18.6	d
2331	Women's, misses', girls', and infants' clothing.....	35	100.0	40.4	10.4	2.8	4.8	14.7	8.3	18.6	d
25	Furniture and fixtures.....	241	100.0	21.0	19.6	12.5	8.2	22.0	7.0	9.7	d
251	Household and office furniture.....	234	100.0	20.6	18.9	12.8	8.5	22.3	7.1	9.8	d
26	Pulp, paper, and allied products.....	1,828	100.0	57.1	14.0	10.3	6.7	9.3	1.3	1.3	b
262	Paper (except building paper).....	287	100.0	39.1	8.1	16.6	8.8	20.0	2.7	4.7	d
2621	Paper (except building paper).....	287	100.0	39.1	8.1	16.6	8.8	20.0	2.7	4.7	d
263	Paperboard, fiberboard, and pulpboard (except insulating board).....	312	100.0	78.8	10.5	3.2	1.5	4.6	.3	1.1	c
2631	Paperboard, fiberboard, and pulpboard (except insulating board).....	312	100.0	78.8	10.5	3.2	1.5	4.6	.3	1.1	c
264	Converted paper and paperboard products (except containers and boxes).....	449	100.0	48.8	23.4	10.3	5.2	8.9	2.7	.7	d
265	Containers, boxes and related products, paperboard, fiberboard, and pulpboard.....	682	100.0	64.3	10.4	10.7	9.6	4.6	.2	.2	c
2651	Containers, boxes, baskets, pallets and skids, paperboard, fiberboard, and pulpboard.....	322	100.0	67.9	14.5	2.7	11.4	3.2	.1	.2	d
2654	Sanitary food containers.....	341	100.0	60.9	6.3	18.4	8.3	5.7	.2	.2	d
266	Building paper and building board.....	98	100.0	27.2	23.5	12.5	4.2	28.3	1.8	2.5	b
2661	Building paper and building board.....	98	100.0	27.2	23.5	12.5	4.2	28.3	1.8	2.5	b
28	Chemicals and allied products.....	7,236	100.0	50.2	14.5	6.1	7.5	12.8	4.1	4.8	a
281	Industrial chemicals.....	2,722	100.0	58.1	17.4	4.4	6.3	6.4	1.8	5.6	c
2815	Dyes and dye (cyclic) intermediates and organic pigments (lakes and toners)...	210	100.0	38.2	8.5	4.1	17.9	26.9	3.2	1.2	b
2818	Miscellaneous industrial organic chemicals.....	412	100.0	44.5	9.5	11.6	19.8	9.4	.8	4.4	d
2819	Miscellaneous industrial inorganic chemicals.....	921	100.0	63.4	16.5	2.8	2.5	1.0	1.9	11.9	b
282	Plastic materials and plasticizers, synthetic resins, rubbers, and fibers.....	1,048	100.0	52.1	8.0	6.9	10.6	16.0	4.4	2.0	a
2821	Plastic materials and plasticizers, synthetic resins, rubbers, and fibers.....	1,048	100.0	52.1	8.0	6.9	10.6	16.0	4.4	2.0	a

See footnote at end of table.

TABLE 2. Percent Distribution of Commodities, by Distance of Shipment: 1967--Continued

TCC code	Commodity	Number	Percent distribution by distance of shipment								Sampling variability code ¹
			All distances	Under 100 miles	100 to 199 miles	200 to 299 miles	300 to 499 miles	500 to 999 miles	1,000 to 1,499 miles	1,500 miles or over	
	TONS OF SHIPMENTS--Continued	(thousands of tons)									
283	Drugs (biological products, medicinal chemicals, botanical products and pharmaceutical preparations).....	374	100.0	14.6	3.3	2.1	1.7	41.8	14.9	21.6	a
2831	Drugs (biological products, medicinal chemicals, botanical products and pharmaceutical preparations).....	374	100.0	14.6	3.3	2.1	1.7	41.8	14.9	21.6	a
284	Soap and detergents, cleaning preparations, perfumes, cosmetics, and other toilet preparations.....	1,458	100.0	50.7	16.2	7.8	7.6	11.2	2.2	4.3	c
2841	Soap and other detergents (except specialty cleansers).....	907	100.0	57.2	18.1	6.9	9.3	6.6	.6	1.3	c
2842	Specialty cleaning, polishing, and sanitation preparations (except soap and detergents).....	168	100.0	28.1	15.5	20.4	2.4	15.2	3.7	14.7	d
2844	Perfumes, cosmetics, and other toilet preparations.....	249	100.0	25.0	16.8	6.3	7.2	26.7	8.0	10.0	b
285	Paints, varnishes, lacquers, enamels, and allied products.....	570	100.0	36.7	19.7	10.8	14.4	14.1	3.4	.9	b
2851	Paints, varnishes, lacquers, enamels, and allied products.....	570	100.0	36.7	19.7	10.8	14.4	14.1	3.4	.9	b
287	Agricultural chemicals.....	258	100.0	32.8	7.0	5.8	6.6	20.1	26.5	1.2	d
289	Miscellaneous chemical products.....	807	100.0	51.6	13.6	6.3	5.8	16.8	2.9	3.0	b
2891	Glue and gelatin.....	236	100.0	43.6	23.9	3.8	4.8	20.8	1.7	1.4	d
2899	Chemical products, n.e.c.....	414	100.0	62.7	8.3	5.2	7.2	12.2	3.3	1.1	b
29	Petroleum and coal products.....	15,901	100.0	74.4	10.6	9.2	2.2	1.0	2.1	.5	b
291	Products of petroleum refining.....	13,691	100.0	76.2	8.1	10.1	2.2	.7	2.3	.4	b
2911	Products of petroleum refining (except liquefied petroleum gases and petroleum coke and breeze).....	13,499	100.0	77.0	8.0	10.0	1.5	.7	2.4	.4	b
295	Paving and roofing materials.....	1,364	100.0	85.0	9.1	4.3	1.0	.4	.2	-	b
2952	Asphalt felt and coatings.....	494	100.0	59.1	24.9	12.0	2.7	.9	.4	-	b
299	Miscellaneous petroleum and coal products.....	846	100.0	26.5	54.6	1.6	4.1	7.6	2.2	3.4	d
2991	Miscellaneous petroleum and coal products.....	846	100.0	26.5	54.6	1.6	4.1	7.6	2.2	3.4	d
30	Rubber and miscellaneous plastics products.....	630	100.0	30.4	9.6	6.3	8.5	27.6	4.9	12.7	c
307	Miscellaneous plastic products.....	455	100.0	32.9	10.0	6.5	7.7	23.8	3.7	15.4	c
3071	Miscellaneous plastic products.....	455	100.0	32.9	10.0	6.5	7.7	23.8	3.7	15.4	c
32	Stone, clay, and glass products.....	3,083	100.0	52.0	24.2	11.0	7.2	3.8	.7	1.1	b
322	Glass and glassware, pressed and blown.	1,413	100.0	46.9	31.1	12.6	5.4	2.7	.5	.8	b
3221	Glass containers, caps and covers.....	1,140	100.0	46.9	34.1	12.4	4.0	2.4	.2	-	b
326	Pottery and related products.....	15	100.0	25.8	11.5	11.0	12.7	28.1	3.6	7.3	d
327	Concrete, gypsum, plaster, and plaster products.....	509	100.0	72.4	14.5	7.7	5.2	.2	-	-	d
3271	Concrete products.....	444	100.0	76.9	15.2	5.1	2.6	.2	-	-	d
329	Abrasives, asbestos, and miscellaneous nonmetallic mineral products.....	537	100.0	40.2	14.9	11.7	18.8	9.2	2.0	3.2	d
3292	Asbestos products.....	88	100.0	23.3	25.8	14.6	8.0	12.8	5.1	10.4	a
33	Primary metal products.....	2,663	100.0	31.2	22.5	15.1	13.1	10.7	3.7	3.7	c
3312	Primary iron and steel products (except coke-oven products).....	150	100.0	36.1	28.9	8.4	12.9	3.1	.7	9.9	c
332	Iron and steel castings.....	322	100.0	43.7	22.6	18.8	8.8	3.5	2.2	.4	c
3321	Iron and steel castings.....	322	100.0	43.7	22.6	18.8	8.8	3.5	2.2	.4	c
335	Nonferrous metal basic shapes.....	1,099	100.0	28.4	30.2	6.1	8.8	14.7	6.7	5.1	b
3351	Copper, brass, bronze, and other copper base alloy basic shapes.....	611	100.0	34.9	34.9	6.9	7.6	11.4	2.7	1.6	e

See footnote at end of table.

TABLE 2. Percent Distribution of Commodities, by Distance of Shipment: 1967--Continued

TCC code	Commodity	Number	Percent distribution by distance of shipment								Sampling variability code ¹
			All distances	Under 100 miles	100 to 199 miles	200 to 299 miles	300 to 499 miles	500 to 999 miles	1,000 to 1,499 miles	1,500 miles or over	
	TONS OF SHIPMENTS--Continued	(thousands of tons)									
3356	Miscellaneous nonferrous metal basic shapes (plate, sheet, strip, rods, bars, pipe, and tubing).....	6	100.0	21.7	41.7	3.4	11.4	19.3	1.6	0.9	d
3357	Nonferrous wire (including insulated wire).....	458	100.0	18.3	24.2	5.2	10.3	19.5	12.4	10.1	d
336	Nonferrous and nonferrous base alloy castings.....	35	100.0	35.8	16.5	18.2	12.7	11.4	2.0	3.4	d
339	Miscellaneous primary metal products...	24	100.0	32.0	35.8	8.0	6.1	17.3	.5	.3	d
3399	Primary metal products, n.e.c.....	10	100.0	23.1	13.8	15.2	8.4	38.3	1.1	.1	b
34	Fabricated metal products.....	1,241	100.0	54.0	13.1	6.4	6.3	15.3	2.8	2.1	c
341	Metal cans.....	289	100.0	67.7	12.9	6.1	4.6	6.0	.7	2.0	a
3411	Metal cans.....	289	100.0	67.7	12.9	6.1	4.6	6.0	.7	2.0	a
342	Cutlery, hand tools, and general hardware.....	86	100.0	11.4	2.7	4.2	17.4	54.1	4.2	6.0	c
3429	Miscellaneous hardware.....	80	100.0	11.2	1.8	4.3	17.0	56.5	4.4	4.8	c
3433	Heating equipment (except electric)....	25	100.0	12.4	22.8	7.5	19.7	12.9	8.4	16.3	c
349	Miscellaneous fabricated metal products	153	100.0	52.5	23.8	5.4	4.1	10.7	3.1	.4	d
3494	Valves and pipe fittings (except plumbers' brass goods and fittings)...	8	100.0	24.3	9.0	5.1	26.5	17.0	11.1	7.0	c
35	Machinery, except electrical.....	681	100.0	17.6	4.8	9.2	31.2	25.0	4.5	7.7	b
353	Construction, mining, and materials handling machinery and equipment.....	176	100.0	32.4	6.5	11.1	11.9	19.5	5.4	13.2	b
3544	Special dies and tools, die sets, jigs, fixtures, and industrial molds and patterns.....	1	100.0	13.7	11.3	7.7	26.5	17.2	-	23.6	d
355	Special industry machinery (except metalworking machinery).....	37	100.0	28.1	17.1	9.3	6.6	28.9	5.0	5.0	d
359	Miscellaneous machinery and parts (except electrical).....	19	100.0	22.5	11.4	3.7	4.6	20.9	12.5	24.4	d
3599	Miscellaneous machinery and parts (except electrical).....	19	100.0	22.5	11.4	3.7	4.6	20.9	12.5	24.4	d
36	Electrical machinery and equipment....	609	100.0	23.1	10.3	8.8	8.6	28.9	11.5	8.8	b
361	Electrical transmission and distribution equipment.....	60	100.0	24.2	8.5	3.8	6.7	39.6	8.5	8.7	b
3611	Electrical measuring instruments and test equipment.....	3	100.0	20.2	6.2	13.3	8.5	13.4	12.0	26.4	c
364	Electric lighting and wiring equipment.	65	100.0	15.1	7.6	6.3	10.9	38.3	12.7	9.1	d
3642	Lighting fixtures.....	49	100.0	17.5	8.4	7.3	13.0	33.4	9.2	11.2	d
365	Radio and television receiving sets (except communication types), phonographs, and phonograph records.....	158	100.0	20.5	7.3	8.8	7.1	23.2	23.7	9.4	b
367	Electronic components or accessories...	37	100.0	8.7	7.9	30.1	3.7	19.0	21.6	9.0	c
3679	Miscellaneous electronic components and accessories.....	31	100.0	8.2	8.1	35.6	3.4	14.4	24.5	5.8	c
372	Aircraft and parts.....	3	100.0	37.0	1.4	2.2	1.6	2.5	46.3	9.0	d
38	Instruments, photographic goods, optical goods, watches, and clocks.....	76	100.0	26.9	9.0	29.1	3.0	13.1	4.6	14.3	d
381	Engineering, laboratory, and scientific instruments.....	2	100.0	36.1	8.4	4.6	4.7	14.2	12.1	19.9	d
3811	Engineering, laboratory, and scientific instruments.....	2	100.0	36.1	8.4	4.6	4.7	14.2	12.1	19.9	d
39	Miscellaneous products of manufacturing	104	100.0	11.8	20.2	3.2	10.5	23.6	10.8	19.9	c

See footnote at end of table.

TABLE 2. Percent Distribution of Commodities, by Distance of Shipment: 1967--Continued

TCC code	Commodity	Number	Percent distribution by distance of shipment								Sampling variability code ¹
			All distances	Under 100 miles	100 to 199 miles	200 to 299 miles	300 to 499 miles	500 to 999 miles	1,000 to 1,499 miles	1,500 miles or over	
	TON MILES OF SHIPMENTS	(millions of ton-miles)									
	New Jersey, total.....	9,832	100.0	9.5	9.5	10.9	10.0	21.5	14.0	24.6	-
20	Food and kindred products.....	1,264	100.0	9.7	16.0	19.3	9.6	21.5	11.5	12.4	-
201	Meat, poultry, and small game; fresh, chilled or frozen.....	16	100.0	8.6	9.0	19.4	1.6	61.4	-	-	-
2013	Meat products.....	4	100.0	18.0	18.8	62.9	.3	-	-	-	-
203	Canned and preserved fruits, vegetables, and seafoods.....	316	100.0	12.4	13.8	29.8	7.8	11.1	21.3	3.8	-
2033	Canned fruits and vegetables.....	74	100.0	11.8	18.3	55.3	4.5	1.4	8.7	-	-
2037	Frozen fruits, vegetables, fruit juices, and specialties.....	28	100.0	5.6	23.3	13.4	10.7	31.4	11.7	3.9	-
208	Beverages and flavoring extracts.....	467	100.0	8.6	21.4	16.8	10.7	18.0	6.9	17.6	-
2082	Malt liquors.....	327	100.0	7.0	22.6	19.4	12.6	21.9	8.4	8.1	-
209	Miscellaneous food preparations and kindred products.....	277	100.0	11.4	14.0	19.7	13.8	25.5	9.9	5.7	-
2099	Miscellaneous food preparations.....	78	100.0	5.0	9.1	11.2	4.8	41.0	11.6	17.3	-
22	Basic textiles.....	151	100.0	1.8	3.1	1.7	3.1	17.0	6.0	67.3	-
233	Women's, misses', girls', and infants' clothing.....	25	100.0	1.7	2.4	.9	2.9	15.1	14.3	62.7	-
2331	Women's, misses', girls', and infants' clothing.....	25	100.0	1.7	2.4	.9	2.9	15.1	14.3	62.7	-
25	Furniture and fixtures.....	135	100.0	1.6	5.3	5.7	6.5	26.6	15.7	38.6	-
251	Household and office furniture.....	133	100.0	1.6	5.1	5.8	6.6	26.6	16.8	38.5	-
26	Pulp, paper, and allied products.....	382	100.0	11.1	10.1	12.2	13.4	30.2	7.2	15.8	-
262	Paper (except building paper).....	114	100.0	4.1	3.3	10.0	9.4	34.3	8.3	30.6	-
2621	Paper (except building paper).....	114	100.0	4.1	3.3	10.0	9.4	34.3	8.3	30.6	-
263	Paperboard, fiberboard, and pulpboard (except insulating board).....	38	100.0	26.9	12.9	6.1	5.2	23.6	3.2	22.1	-
2631	Paperboard, fiberboard, and pulpboard (except insulating board).....	38	100.0	26.9	12.9	6.1	5.2	23.6	3.2	22.1	-
264	Converted paper and paperboard products (except containers and boxes).....	97	100.0	11.0	16.2	12.5	9.5	29.3	13.7	7.8	-
265	Containers, boxes and related products, paperboard, fiberboard, and pulpboard.....	97	100.0	16.0	10.9	17.9	28.5	21.7	1.5	3.5	-
2651	Containers, boxes, baskets, pallets and skids, paperboard, fiberboard, and pulpboard.....	44	100.0	18.4	15.9	5.4	39.5	15.5	1.0	4.3	-
2654	Sanitary food containers.....	50	100.0	13.9	6.1	29.4	19.9	25.8	1.9	3.0	-
266	Building paper and building board.....	35	100.0	3.5	10.5	9.1	4.8	50.0	5.4	16.7	-
2661	Building paper and building board.....	35	100.0	3.5	10.5	9.1	4.8	50.0	5.4	16.7	-
28	Chemicals and allied products.....	2,479	100.0	6.0	6.3	4.5	8.5	26.8	14.1	33.8	-
281	Industrial chemicals.....	778	100.0	9.0	9.0	3.9	8.1	15.4	7.3	47.3	-
2815	Dyes and dye (cyclic) intermediates and organic pigments (lakes and toners)...	77	100.0	3.7	3.4	3.0	18.9	53.2	9.7	8.1	-
2818	Miscellaneous industrial organic chemicals.....	128	100.0	4.3	4.3	10.0	23.3	19.8	3.0	35.3	-
2819	Miscellaneous industrial inorganic chemicals.....	357	100.0	7.0	7.1	1.8	2.1	1.7	5.7	74.6	-
282	Plastic materials and plasticizers, synthetic resins, rubbers, and fibers.....	321	100.0	5.1	3.9	5.9	14.0	37.8	17.4	15.9	-
2821	Plastic materials and plasticizers, synthetic resins, rubbers, and fibers.....	321	100.0	5.1	3.9	5.9	14.0	37.8	17.4	15.9	-

See footnote at end of table.

TABLE 2. Percent Distribution of Commodities, by Distance of Shipment: 1967--Continued

TCC code	Commodity	Number	Percent distribution by distance of shipment								Sampling variability code ¹
			All distances	Under 100 miles	100 to 199 miles	200 to 299 miles	300 to 499 miles	500 to 999 miles	1,000 to 1,499 miles	1,500 miles or over	
	TON-MILES OF SHIPMENTS--Continued	(millions of ton-miles)									
283	Drugs (biological products, medicinal chemicals, botanical products and pharmaceutical preparations).....	385	100.0	0.5	0.5	0.5	0.7	28.8	18.9	50.1	-
2831	Drugs (biological products, medicinal chemicals, botanical products and pharmaceutical preparations).....	385	100.0	.5	.5	.5	.7	28.8	18.9	50.1	-
284	Soap and detergents, cleaning preparations, perfumes, cosmetics, and other toilet preparations.....	454	100.0	7.4	8.0	6.2	9.7	25.9	8.6	34.2	-
2841	Soap and other detergents (except specialty cleansers).....	171	100.0	13.3	14.3	9.5	19.4	23.3	3.7	16.5	-
2842	Specialty cleaning, polishing, and sanitation preparations (except soap and detergents).....	105	100.0	2.1	3.9	7.2	1.5	21.4	7.7	56.2	-
2844	Perfumes, cosmetics, and other toilet preparations.....	159	100.0	1.8	4.3	2.6	4.8	29.8	14.9	41.8	-
285	Paints, varnishes, lacquers, enamels, and allied products.....	166	100.0	5.4	10.5	9.4	19.4	34.7	13.5	7.1	-
2851	Paints, varnishes, lacquers, enamels, and allied products.....	166	100.0	5.4	10.5	9.4	19.4	34.7	13.5	7.1	-
287	Agricultural chemicals.....	137	100.0	3.0	1.8	2.6	4.7	30.4	53.3	4.2	-
289	Miscellaneous chemical products.....	239	100.0	5.7	6.8	5.2	7.7	40.1	12.0	22.5	-
2891	Glue and gelatin.....	67	100.0	6.0	13.0	3.1	6.2	51.7	8.4	11.6	-
2899	Chemical products, n.e.c.....	90	100.0	7.8	5.2	6.0	13.3	40.6	17.0	10.1	-
29	Petroleum and coal products.....	1,840	100.0	22.4	12.2	18.5	7.2	5.9	22.8	11.0	-
291	Products of petroleum refining.....	1,540	100.0	23.5	9.9	20.9	7.4	4.1	25.6	8.6	-
2911	Products of petroleum refining (except liquefied petroleum gases and petroleum coke and breeze).....	1,485	100.0	24.2	10.0	21.0	5.1	4.1	26.7	8.9	-
295	Paving and roofing materials.....	89	100.0	50.3	20.4	16.8	5.6	4.2	2.7	-	-
2952	Asphalt felt and coatings.....	58	100.0	25.2	31.2	25.8	8.6	5.0	4.2	-	-
299	Miscellaneous petroleum and coal products.....	212	100.0	3.1	25.1	1.7	6.9	19.7	10.8	32.7	-
2991	Miscellaneous petroleum and coal products.....	212	100.0	3.1	25.1	1.7	6.9	19.7	10.8	32.7	-
30	Rubber and miscellaneous plastics products.....	404	100.0	1.9	2.2	2.4	5.4	31.7	8.7	47.7	-
307	Miscellaneous plastic products.....	305	100.0	1.9	2.2	2.4	4.6	26.7	6.7	55.5	-
3071	Miscellaneous plastic products.....	305	100.0	1.9	2.2	2.4	4.6	26.7	6.7	55.5	-
32	Stone, clay, and glass products.....	527	100.0	15.6	18.3	16.0	15.8	15.5	5.1	13.7	-
322	Glass and glassware, pressed and blown.....	225	100.0	15.3	24.3	20.3	12.5	11.9	3.3	12.4	-
3221	Glass containers, caps and covers.....	151	100.0	18.5	32.0	24.1	10.8	12.8	1.7	.1	-
326	Pottery and related products.....	8	100.0	2.7	3.2	5.0	8.8	39.7	7.9	32.7	-
327	Concrete, gypsum, plaster, and plaster products.....	47	100.0	33.3	23.5	19.9	21.7	1.6	-	-	-
3271	Concrete products.....	34	100.0	40.7	28.8	15.4	13.5	1.6	-	-	-
329	Abrasives, asbestos, and miscellaneous nonmetallic mineral products.....	165	100.0	10.2	6.7	9.6	23.2	20.9	7.4	22.0	-
3292	Asbestos products.....	45	100.0	2.0	7.8	7.2	6.7	17.6	11.9	46.8	-
33	Primary metal products.....	962	100.0	4.0	10.1	11.3	14.7	19.7	13.0	27.2	-
3312	Primary iron and steel products (except coke-oven products).....	92	100.0	2.0	8.4	3.6	8.9	3.5	1.3	72.3	-
332	Iron and steel castings.....	63	100.0	12.9	15.1	24.4	17.4	11.5	14.2	4.5	-
3321	Iron and steel castings.....	63	100.0	12.9	15.1	24.4	17.4	11.5	14.2	4.5	-
335	Nonferrous metal basic shapes.....	470	100.0	2.7	11.7	3.8	8.7	24.4	20.0	28.7	-
3351	Copper, brass, bronze, and other copper base alloy basic shapes.....	166	100.0	5.4	20.9	7.0	12.5	28.4	12.0	13.8	-

See footnote at end of table.

TABLE 2. Percent Distribution of Commodities, by Distance of Shipment: 1967--Continued

TCC code	Commodity	Number	Percent distribution by distance of shipment								Sampling variability code ¹
			All distances	Under 100 miles	100 to 199 miles	200 to 299 miles	300 to 499 miles	500 to 999 miles	1,000 to 1,499 miles	1,500 miles or over	
	TON-MILES OF SHIPMENTS--Continued	(millions of ton-miles)									
3356	Miscellaneous nonferrous metal basic shapes (plate, sheet, strip, rods, bars, pipe, and tubing).....	2	100.0	2.1	20.4	2.9	17.0	45.2	5.7	6.7	-
3357	Nonferrous wire (including insulated wire).....	299	100.0	1.0	6.5	2.0	6.3	21.9	24.6	37.7	-
336	Nonferrous and nonferrous base alloy castings.....	11	100.0	4.9	7.6	13.6	16.7	24.2	7.0	26.0	-
339	Miscellaneous primary metal products...	5	100.0	3.9	22.5	9.0	10.9	48.0	2.4	3.3	-
3399	Primary metal products, n.e.c.....	3	100.0	1.7	6.5	10.8	10.3	67.1	3.3	.3	-
34	Fabricated metal products.....	337	100.0	7.7	7.7	6.2	9.1	37.5	12.5	19.3	-
341	Metal cans.....	56	100.0	11.3	11.6	8.5	8.0	22.2	3.7	34.7	-
3411	Metal cans.....	56	100.0	11.3	11.6	8.5	8.0	22.2	3.7	34.7	-
342	Cutlery, hand tools, and general hardware.....	52	100.0	1.1	.6	2.0	11.6	50.1	8.8	25.8	-
3429	Miscellaneous hardware.....	48	100.0	1.2	.5	2.0	11.7	53.5	9.4	21.7	-
3433	Heating equipment (except electric)....	17	100.0	.9	4.8	3.0	11.3	13.1	16.3	50.6	-
349	Miscellaneous fabricated metal products	32	100.0	11.8	18.0	5.5	8.5	34.4	17.4	4.4	-
3494	Valves and pipe fittings (except plumbers' brass goods and fittings)...	5	100.0	1.5	2.1	2.4	18.9	22.5	25.6	27.0	-
35	Machinery, except electrical.....	388	100.0	1.5	1.3	4.3	25.4	28.7	9.1	29.7	-
353	Construction, mining, and materials handling machinery and equipment.....	104	100.0	3.0	1.8	4.7	8.5	23.7	10.5	47.8	-
3544	Special dies and tools, die sets, jigs, fixtures, and industrial molds and patterns.....	1	100.0	.4	3.2	2.3	17.4	18.7	-	58.0	-
355	Special industry machinery (except metalworking machinery).....	17	100.0	2.1	5.6	4.5	5.9	44.6	12.2	25.1	-
359	Miscellaneous machinery and parts (except electrical).....	16	100.0	1.5	1.9	1.1	2.1	19.7	19.1	54.6	-
3599	Miscellaneous machinery and parts (except electrical).....	16	100.0	1.5	1.9	1.1	2.1	19.7	19.1	54.6	-
36	Electrical machinery and equipment.....	378	100.0	1.6	2.7	3.7	5.8	32.7	22.5	31.0	-
361	Electrical transmission and distribution equipment.....	40	100.0	1.7	2.3	1.4	4.4	41.9	16.9	31.4	-
3611	Electrical measuring instruments and test equipment.....	3	100.0	.8	.9	3.3	3.1	9.8	15.6	66.5	-
364	Electric lighting and wiring equipment.	46	100.0	1.0	1.8	2.2	6.5	40.6	20.7	27.2	-
3642	Lighting fixtures.....	34	100.0	1.2	2.0	2.7	7.9	36.7	15.8	33.7	-
365	Radio and television receiving sets (except communication types), phonographs, and phonograph records.....	114	100.0	1.2	1.5	3.2	3.8	21.9	38.9	29.5	-
367	Electronic components or accessories...	27	100.0	.5	1.6	10.9	2.0	18.0	37.3	29.7	-
3679	Miscellaneous electronic components and accessories.....	21	100.0	.5	1.7	13.9	2.0	15.1	45.7	21.1	-
372	Aircraft and parts.....	3	100.0	2.5	.3	.7	.8	2.0	69.8	23.9	-
38	Instruments, photographic goods, optical goods, watches, and clocks.....	45	100.0	1.8	2.5	12.8	2.0	15.5	9.7	55.7	-
381	Engineering, laboratory, and scientific instruments.....	1	100.0	1.1	1.9	1.6	2.7	13.9	20.9	57.9	-
3811	Engineering, laboratory, and scientific instruments.....	1	100.0	1.1	1.9	1.6	2.7	13.9	20.9	57.9	-
39	Miscellaneous products of manufacturing	90	100.0	.5	4.3	.9	5.3	19.6	14.0	55.4	-

¹Code letter indicates a sampling variability range as follows: a, 0-9 percent; b, 10-19 percent; c, 20-29 percent; and d, 30-50 percent. The variability for ton-miles has not been estimated.

TABLE 3. Percent Distribution of Commodities, by Geographic Division of Destination: 1967

TCC code	Commodity	Number	Percent distribution by geographic division ¹ of destination										Sampling variability code ³
			All means of transport	New England	Middle Atlantic	East North Central	West North Central	South Atlantic	East South Central	West South Central	Mountain	Pacific ²	
	TONS OF SHIPMENTS	(thous. of tons)											
	New Jersey, total.....	41,840	100.0	12.4	61.7	7.1	1.1	12.6	1.0	1.8	0.4	1.9	-
20	Food and kindred products.....	5,639	100.0	18.8	55.3	6.0	.7	16.4	.6	1.0	.2	1.0	b
201	Meat, poultry, and small game; fresh, chilled or frozen.....	72	100.0	18.4	60.3	16.9	-	4.4	-	-	-	-	d
2013	Meat products.....	39	100.0	24.9	69.4	.1	5.6	-	-	-	-	-	d
203	Canned and preserved fruits, vegetables, and seafoods.....	1,454	100.0	26.1	52.4	4.7	.3	13.2	.1	2.9	.1	.2	b
2033	Canned fruits and vegetables.....	412	100.0	31.8	51.0	.2	.1	16.9	-	-	-	-	d
2037	Frozen fruits, vegetables, fruit juices, and specialties.....	137	100.0	11.1	59.9	7.0	1.5	18.5	.7	1.0	-	.3	c
208	Beverages and flavoring extracts.....	2,258	100.0	20.6	55.4	2.7	.3	19.0	.4	.1	.1	1.4	b
2082	Malt liquors.....	1,418	100.0	22.4	46.0	3.2	.5	26.8	.3	-	.1	.7	a
209	Miscellaneous food preparations and kindred products.....	1,278	100.0	13.7	59.9	7.3	1.8	15.0	1.6	.2	.1	.4	d
2099	Miscellaneous food preparations.....	225	100.0	18.5	39.3	12.1	4.1	20.4	2.0	.9	.7	2.0	d
22	Basic textiles.....	209	100.0	3.7	43.6	9.8	4.2	15.0	1.9	1.7	.1	20.0	d
23	Women's, misses', girls', and infants' clothing.....	35	100.0	7.1	45.3	11.8	4.1	7.9	1.7	4.3	2.1	15.7	d
2331	Women's, misses', girls', and infants' clothing.....	35	100.0	7.1	45.3	11.8	4.1	7.9	1.7	4.3	2.1	15.7	d
25	Furniture and fixtures.....	241	100.0	7.7	32.2	19.2	2.8	21.5	2.0	5.0	3.3	6.3	d
251	Household and office furniture.....	234	100.0	7.6	31.4	19.5	2.8	21.9	2.0	5.1	3.4	6.3	d
26	Pulp, paper, and allied products.....	1,828	100.0	12.8	65.2	8.7	.8	8.8	1.8	.7	.1	1.1	b
262	Paper (except building paper).....	287	100.0	13.5	45.5	13.6	2.2	14.7	4.0	2.0	.6	3.9	d
2621	Paper (except building paper).....	287	100.0	13.5	45.5	13.6	2.2	14.7	4.0	2.0	.6	3.9	d
263	Paperboard, fiberboard, and pulpboard (except insulating board).....	312	100.0	8.7	80.8	5.0	.1	4.0	-	.3	-	1.1	c
2631	Paperboard, fiberboard, and pulpboard (except insulating board).....	312	100.0	8.7	80.8	5.0	.1	4.0	-	.3	-	1.1	c
264	Converted paper and paperboard products (except containers and boxes).....	449	100.0	23.1	53.4	4.6	.1	15.2	1.9	1.0	-	.7	d
265	Containers, boxes and related products, paperboard, fiberboard, and pulpboard.....	682	100.0	8.1	76.1	10.2	.5	4.2	.6	.1	.1	.1	c
2651	Containers, boxes, baskets, pallets and skids, paperboard, fiberboard, and pulpboard.....	322	100.0	6.0	78.1	12.5	.1	2.3	.8	-	-	.2	d
2654	Sanitary food containers.....	341	100.0	9.7	74.3	8.6	.9	6.0	.1	.2	.2	-	d
266	Building paper and building board.....	98	100.0	9.7	50.7	14.7	3.9	10.2	8.2	.1	-	2.5	b
2661	Building paper and building board.....	98	100.0	9.7	50.7	14.7	3.9	10.2	8.2	.1	-	2.5	b
28	Chemicals and allied products.....	7,236	100.0	7.1	58.2	9.2	2.6	14.3	1.8	2.1	1.0	3.7	a
281	Industrial chemicals.....	2,722	100.0	5.5	65.7	4.4	1.3	15.3	1.4	1.0	.1	5.3	c
2815	Dyes and dye (cyclic) intermediates and organic pigments (lakes and toners)...	210	100.0	4.8	43.4	14.6	5.7	23.1	6.6	.6	.1	1.1	b
2818	Miscellaneous industrial organic chemicals.....	412	100.0	5.1	60.5	9.5	.8	15.2	4.0	.6	.1	4.2	d
2819	Miscellaneous industrial inorganic chemicals.....	921	100.0	6.9	61.7	.8	.7	16.7	.1	1.3	-	11.8	b
282	Plastic materials and plasticizers, synthetic resins, rubbers, and fibers.....	1,048	100.0	5.9	58.1	18.5	2.5	10.2	1.0	1.8	-	2.0	a
2821	Plastic materials and plasticizers, synthetic resins, rubbers, and fibers.....	1,048	100.0	5.9	58.1	18.5	2.5	10.2	1.0	1.8	-	2.0	a

See footnotes at end of table.

TABLE 3. Percent Distribution of Commodities, by Geographic Division of Destination: 1967--Continued

TCC code	Commodity	Number	Percent distribution by geographic division ¹ of destination										Sampling variability code ³
			All means of transport	New England	Middle Atlantic	East North Central	West North Central	South Atlantic	East South Central	West South Central	Mountain	Pacific ²	
	TONS OF SHIPMENTS--Continued	(thous. of tons)											
283	Drugs (biological products, medicinal chemicals, botanical products and pharmaceutical preparations).....	374	100.0	2.2	16.6	28.7	2.1	14.8	1.1	13.1	14.7	6.7	a
2831	Drugs (biological products, medicinal chemicals, botanical products and pharmaceutical preparations).....	374	100.0	2.2	16.6	28.7	2.1	14.8	1.1	13.1	14.7	6.7	a
284	Soap and detergents, cleaning preparations, perfumes, cosmetics, and other toilet preparations.....	1,458	100.0	9.7	59.8	6.4	1.0	16.4	1.0	1.5	.5	3.7	c
2841	Soap and other detergents (except specialty cleansers).....	907	100.0	11.3	68.9	3.8	.7	12.6	1.2	.3	-	1.2	c
2842	Specialty cleaning, polishing, and sanitation preparations (except soap and detergents).....	168	100.0	5.5	32.6	3.5	.1	39.9	.2	3.6	1.0	13.6	d
2844	Perfumes, cosmetics, and other toilet preparations.....	249	100.0	10.8	32.5	18.3	3.5	19.2	.9	5.1	2.0	7.7	b
285	Paints, varnishes, lacquers, enamels, and allied products.....	570	100.0	11.1	48.1	7.7	2.9	26.3	1.6	1.4	.1	.8	b
2851	Paints, varnishes, lacquers, enamels, and allied products.....	570	100.0	11.1	48.1	7.7	2.9	26.3	1.6	1.4	.1	.8	b
287	Agricultural chemicals.....	258	100.0	6.4	39.0	14.5	21.9	3.0	11.8	2.2	1.0	.2	d
289	Miscellaneous chemical products.....	807	100.0	9.1	60.2	8.5	3.7	11.2	2.6	2.3	.5	1.9	b
2891	Glue and gelatin.....	236	100.0	14.2	51.8	13.7	6.3	10.9	-	1.8	-	1.3	d
2899	Chemical products, n.e.c.....	414	100.0	4.7	72.4	4.5	2.9	8.9	4.5	1.4	.2	.5	b
29	Petroleum and coal products.....	15,901	100.0	13.3	72.3	1.6	.3	10.0	.1	1.9	-	.5	b
291	Products of petroleum refining.....	13,691	100.0	15.0	69.8	1.4	.4	10.9	-	2.1	-	.4	b
2911	Products of petroleum refining (except liquefied petroleum gases and petroleum coke and breeze).....	13,499	100.0	14.3	70.5	1.4	.3	11.0	-	2.1	-	.4	b
295	Paving and roofing materials.....	1,364	100.0	4.3	89.8	.3	-	5.4	-	.2	-	-	b
2952	Asphalt felt and coatings.....	494	100.0	10.4	74.6	.6	-	14.0	-	.4	-	-	b
299	Miscellaneous petroleum and coal products.....	846	100.0	.4	81.7	6.3	.2	3.9	2.0	2.2	.5	2.8	d
2991	Miscellaneous petroleum and coal products.....	846	100.0	.4	81.7	6.3	.2	3.9	2.0	2.2	.5	2.8	d
30	Rubber and miscellaneous plastics products.....	630	100.0	6.8	36.5	19.4	3.0	11.1	7.2	3.5	.4	12.1	c
307	Miscellaneous plastic products.....	455	100.0	6.8	39.4	15.9	2.0	8.1	9.0	3.5	.3	15.0	c
3071	Miscellaneous plastic products.....	455	100.0	6.8	39.4	15.9	2.0	8.1	9.0	3.5	.3	15.0	c
32	Stone, clay, and glass products.....	3,083	100.0	11.3	65.8	4.5	.5	15.7	.7	.6	.1	.8	b
322	Glass and glassware, pressed and blown.....	1,413	100.0	9.8	71.6	3.1	.2	13.8	.5	.2	-	.8	b
3221	Glass containers, caps and covers.....	1,140	100.0	11.2	70.5	2.5	.3	15.0	.5	-	-	-	b
326	Pottery and related products.....	15	100.0	9.9	33.4	22.0	1.6	20.3	3.5	2.0	.2	7.1	d
327	Concrete, gypsum, plaster, and plaster products.....	509	100.0	12.1	77.7	.3	-	9.6	.3	-	-	-	d
3271	Concrete products.....	444	100.0	11.1	80.7	.4	-	7.8	-	-	-	-	d
329	Abrasives, asbestos, and miscellaneous nonmetallic mineral products.....	537	100.0	7.9	40.5	12.8	.9	31.5	1.8	2.3	.4	1.9	d
3292	Asbestos products.....	88	100.0	12.4	30.6	7.9	1.2	28.4	4.8	5.9	1.3	7.5	a
33	Primary metal products.....	2,663	100.0	11.5	50.5	16.7	1.2	12.5	1.2	2.8	.6	3.0	c
3312	Primary iron and steel products (except coke-oven products).....	150	100.0	31.7	39.1	10.2	1.1	8.0	-	-	-	9.9	c
332	Iron and steel castings.....	322	100.0	13.4	62.0	9.4	.1	12.4	.1	2.2	.2	.2	c
3321	Iron and steel castings.....	322	100.0	13.4	62.0	9.4	.1	12.4	.1	2.2	.2	.2	c
335	Nonferrous metal basic shapes.....	1,099	100.0	14.8	36.9	13.3	2.0	21.5	1.1	5.3	.4	4.7	c
3351	Copper, brass, bronze, and other copper base alloy basic shapes.....	611	100.0	18.5	45.1	11.8	1.8	19.5	.3	1.5	.1	1.4	a

See footnotes at end of table.

TABLE 3. Percent Distribution of Commodities, by Geographic Division of Destination: 1967--Continued

TCC code	Commodity	Number	Percent distribution by geographic division ¹ of destination										Sampling variability code ³
			All means of transport	New England	Middle Atlantic	East North Central	West North Central	South Atlantic	East South Central	West South Central	Mountain	Pacific ²	
	TONS OF SHIPMENTS--Continued	(thous. of tons)											
3356	Miscellaneous nonferrous metal basic shapes (plate, sheet, strip, rods, bars, pipe, and tubing).....	6	100.0	4.0	26.1	27.2	1.1	38.1	2.3	0.3	0.2	0.7	d
3357	Nonferrous wire (including insulated wire).....	458	100.0	10.3	24.7	15.4	2.5	24.2	2.1	10.7	.8	9.3	d
336	Nonferrous and nonferrous base alloy castings.....	35	100.0	18.3	49.8	14.1	1.2	11.3	1.3	.6	.1	3.3	d
339	Miscellaneous primary metal products...	24	100.0	32.0	40.8	21.4	.5	5.0	-	-	-	.3	d
3399	Primary metal products, n.e.c.....	10	100.0	3.6	48.6	46.4	1.1	.3	-	-	-	-	b
34	Fabricated metal products.....	1,241	100.0	13.1	56.6	14.8	1.0	9.0	1.5	2.2	.3	1.5	c
341	Metal cans.....	289	100.0	12.0	71.6	3.4	.2	10.5	.3	-	-	2.0	a
3411	Metal cans.....	289	100.0	12.0	71.6	3.4	.2	10.5	.3	-	-	2.0	a
342	Cutlery, hand tools, and general hardware.....	86	100.0	.7	15.7	60.4	4.2	8.6	1.0	3.5	1.0	4.9	c
3429	Miscellaneous hardware.....	80	100.0	.6	14.5	62.6	4.1	8.7	1.1	3.6	.9	3.9	c
3433	Heating equipment (except electric)....	25	100.0	12.4	31.6	14.7	4.6	14.5	1.5	9.2	3.5	8.0	c
349	Miscellaneous fabricated metal products	153	100.0	19.3	47.0	8.0	1.9	21.2	1.5	.8	.1	.2	d
3494	Valves and pipe fittings (except plumbers' brass goods and fittings)...	8	100.0	5.6	30.7	31.3	3.0	7.9	4.2	11.8	1.3	4.2	c
35	Machinery, except electrical.....	681	100.0	3.0	27.3	47.7	2.2	7.4	2.1	3.5	3.1	3.7	b
353	Construction, mining, and materials handling machinery and equipment.....	176	100.0	4.1	43.9	15.3	1.8	14.5	3.6	5.0	8.4	3.4	b
3544	Special dies and tools, die sets, jigs, fixtures, and industrial molds and patterns.....	1	100.0	11.3	21.4	17.2	-	26.5	-	-	23.6	-	d
355	Special industry machinery (except metalworking machinery).....	37	100.0	12.0	39.1	20.9	5.4	12.9	.5	4.6	.2	4.4	d
359	Miscellaneous machinery and parts (except electrical).....	19	100.0	5.1	24.0	9.5	2.3	20.3	2.5	22.7	12.8	.8	d
3599	Miscellaneous machinery and parts (except electrical).....	19	100.0	5.1	24.0	9.5	2.3	20.3	2.5	22.7	12.8	.8	d
36	Electrical machinery and equipment.....	609	100.0	7.2	31.0	22.5	7.4	17.5	1.9	4.4	2.8	5.3	b
361	Electrical transmission and distribution equipment.....	60	100.0	4.6	27.3	21.0	.6	29.4	1.2	7.4	.5	8.0	b
3611	Electrical measuring instruments and test equipment.....	3	100.0	4.8	33.3	11.1	4.8	9.0	.4	11.5	5.3	19.8	c
364	Electric lighting and wiring equipment.	65	100.0	8.5	19.1	20.0	10.6	26.9	1.9	6.6	1.4	5.0	d
3642	Lighting fixtures.....	49	100.0	9.9	21.8	16.4	6.4	27.1	2.2	8.4	1.9	5.9	d
365	Radio and television receiving sets (except communication types), phonographs, and phonograph records.....	158	100.0	5.8	27.6	22.8	15.8	8.5	4.2	6.8	2.4	6.1	b
367	Electronic components or accessories...	37	100.0	4.8	40.9	16.5	19.9	5.9	1.1	2.3	1.0	7.6	c
3679	Miscellaneous electronic components and accessories.....	31	100.0	5.6	45.5	11.5	23.8	5.7	1.1	1.4	.7	4.7	c
372	Aircraft and parts.....	3	100.0	6.0	33.6	2.2	1.6	5.7	.6	41.3	3.6	5.4	d
38	Instruments, photographic goods, optical goods, watches, and clocks.....	76	100.0	14.6	36.5	7.7	1.2	21.5	1.1	5.6	.6	11.2	d
381	Engineering, laboratory, and scientific instruments.....	2	100.0	3.9	40.0	9.6	5.7	9.8	.4	15.2	2.1	13.3	d
3811	Engineering, laboratory, and scientific instruments.....	2	100.0	3.9	40.0	9.6	5.7	9.8	.4	15.2	2.1	13.3	d
39	Miscellaneous products of manufacturing	104	100.0	18.6	16.3	16.7	4.4	16.9	5.4	1.9	.4	19.4	c

See footnotes at end of table.

TABLE 3. Percent Distribution of Commodities, by Geographic Division of Destination: 1967--Continued

TCC code	Commodity	Number	Percent distribution by geographic division ¹ of destination										Sampling variability code ³
			All means of transport	New England	Middle Atlantic	East North Central	West North Central	South Atlantic	East South Central	West South Central	Mountain	Pacific ²	
	TON-MILES OF SHIPMENTS	(millions of ton-miles)											
	New Jersey, total.....	9,832	100.0	8.3	18.9	16.8	4.8	14.4	3.1	9.9	3.4	20.4	-
20	Food and kindred products.....	1,264	100.0	17.9	21.2	16.5	3.3	21.6	1.9	5.2	1.5	10.9	-
201	Meat, poultry, and small game; fresh, chilled or frozen.....	16	100.0	15.6	17.8	62.4	-	4.2	-	-	-	-	-
2013	Meat products.....	4	100.0	48.5	38.5	.3	-	12.7	-	-	-	-	-
203	Canned and preserved fruits, vegetables, and seafoods.....	316	100.0	30.3	22.2	12.2	1.6	13.7	.3	15.9	1.2	2.6	-
2033	Canned fruits and vegetables.....	74	100.0	46.0	30.8	.7	.4	22.1	-	-	-	-	-
2037	Frozen fruits, vegetables, fruit juices, and specialties.....	28	100.0	10.6	24.1	19.1	7.7	26.2	3.0	5.4	-	3.9	-
208	Beverages and flavoring extracts.....	467	100.0	17.9	20.5	8.0	1.6	32.4	1.4	.6	1.5	16.1	-
2082	Malt liquors.....	327	100.0	18.1	20.2	8.7	2.1	41.8	.9	-	.5	7.7	-
209	Miscellaneous food preparations and kindred products.....	277	100.0	14.4	27.9	20.2	8.8	16.7	5.0	1.3	1.0	4.7	-
2099	Miscellaneous food preparations.....	78	100.0	11.2	9.0	23.2	12.8	18.1	5.0	3.4	3.6	13.7	-
22	Basic textiles.....	151	100.0	.8	4.5	8.7	5.7	8.1	1.9	2.8	.2	67.3	-
233	Women's, misses', girls', and infants' clothing.....	25	100.0	1.7	3.2	10.6	6.1	6.9	2.1	8.5	6.2	54.7	-
2331	Women's, misses', girls', and infants' clothing.....	25	100.0	1.7	3.2	10.6	6.1	6.9	2.1	8.5	6.2	54.7	-
25	Furniture and fixtures.....	135	100.0	2.6	6.3	18.4	5.1	15.1	2.4	11.8	11.1	27.2	-
251	Household and office furniture.....	133	100.0	2.5	6.2	18.4	5.0	15.2	2.5	12.0	11.2	27.0	-
26	Pulp, paper, and allied products.....	382	100.0	11.1	20.2	23.1	3.4	16.9	5.9	3.9	1.2	14.3	-
262	Paper (except building paper).....	114	100.0	8.6	8.4	20.4	5.4	13.2	7.4	6.8	2.7	27.1	-
2621	Paper (except building paper).....	114	100.0	8.6	8.4	20.4	5.4	13.2	7.4	6.8	2.7	27.1	-
263	Paperboard, fiberboard, and pulpboard (except insulating board).....	38	100.0	11.9	31.7	24.5	.9	6.0	-	2.9	-	22.1	-
2631	Paperboard, fiberboard, and pulpboard (except insulating board).....	38	100.0	11.9	31.7	24.5	.9	6.0	-	2.9	-	22.1	-
264	Converted paper and paperboard products (except containers and boxes).....	97	100.0	16.4	17.0	13.5	.4	33.4	6.3	5.3	-	7.7	-
265	Containers, boxes and related products, paperboard, fiberboard, and pulpboard.....	97	100.0	10.1	34.4	35.2	3.0	9.6	3.3	.9	1.5	2.0	-
2651	Containers, boxes, baskets, pallets and skids, paperboard, fiberboard, and pulpboard.....	44	100.0	4.2	34.1	44.6	.6	8.1	4.1	-	-	4.3	-
2654	Sanitary food containers.....	50	100.0	14.7	35.5	28.5	5.4	10.7	.7	1.5	3.0	-	-
266	Building paper and building board.....	35	100.0	6.5	16.0	22.0	9.4	15.7	13.5	.2	-	16.7	-
2661	Building paper and building board.....	35	100.0	6.5	16.0	22.0	9.4	15.7	13.5	.2	-	16.7	-
28	Chemicals and allied products.....	2,479	100.0	3.4	11.7	15.8	7.4	16.6	4.1	8.0	6.5	26.5	-
281	Industrial chemicals.....	778	100.0	3.0	16.2	8.4	4.7	13.5	3.5	4.5	.3	45.9	-
2815	Dyes and dye (cyclic) intermediates and organic pigments (lakes and toners)...	77	100.0	2.2	8.1	21.3	14.7	28.8	14.5	2.3	.5	7.6	-
2818	Miscellaneous industrial organic chemicals.....	128	100.0	3.1	16.2	15.1	2.2	17.5	8.2	2.4	.8	34.5	-
2819	Miscellaneous industrial inorganic chemicals.....	357	100.0	2.7	10.7	1.1	2.1	5.0	.2	4.1	-	74.1	-
282	Plastic materials and plasticizers, synthetic resins, rubbers, and fibers.....	321	100.0	3.5	10.5	32.5	8.1	18.8	2.5	8.2	.1	15.8	-
2821	Plastic materials and plasticizers, synthetic resins, rubbers, and fibers.....	321	100.0	3.5	10.5	32.5	8.1	18.8	2.5	8.2	.1	15.8	-

See footnotes at end of table.

TABLE 3. Percent Distribution of Commodities, by Geographic Division of Destination: 1967--Continued

TCC code	Commodity	Number	Percent distribution by geographic division ¹ of destination											Sampling vari- ability code ³
			All means of trans- port	New Eng- land	Middle Atlantic	East North Central	West North Central	South Atlantic	East South Central	West South Central	Moun- tain	Paci- fic ²		
	TON-MILES OF SHIPMENTS--Continued	(millions of ton-miles)												
283	Drugs (biological products, medicinal chemicals, botanical products and pharmaceutical preparations).....	385	100.0	0.4	1.0	19.3	2.1	9.4	1.0	17.1	33.4	16.3	-	
2831	Drugs (biological products, medicinal chemicals, botanical products and pharmaceutical preparations).....	385	100.0	.4	1.0	19.3	2.1	9.4	1.0	17.1	33.4	16.3	-	
284	Soap and detergents, cleaning prepara- tions, perfumes, cosmetics, and other toilet preparations.....	454	100.0	4.8	14.3	12.4	3.1	23.4	2.0	6.3	3.1	30.6	-	
2841	Soap and other detergents (except specialty cleansers).....	171	100.0	9.1	28.0	11.8	3.2	26.0	3.9	1.7	.2	16.1	-	
2842	Specialty cleaning, polishing, and sanitation preparations (except soap and detergents).....	105	100.0	1.4	3.8	3.5	.1	27.2	.2	7.6	3.1	53.1	-	
2844	Perfumes, cosmetics, and other toilet preparations.....	159	100.0	2.8	4.7	17.0	4.9	18.1	1.1	10.3	6.6	34.5	-	
285	Paints, varnishes, lacquers, enamels, and allied products.....	166	100.0	6.2	14.8	15.1	9.5	37.1	4.2	6.1	.4	6.6	-	
2851	Paints, varnishes, lacquers, enamels, and allied products.....	166	100.0	6.2	14.8	15.1	9.5	37.1	4.2	6.1	.4	6.6	-	
287	Agricultural chemicals.....	137	100.0	2.4	5.0	16.5	40.4	3.7	22.6	5.2	3.4	.8	-	
289	Miscellaneous chemical products.....	239	100.0	5.2	12.5	18.4	11.7	15.4	6.8	10.8	3.4	15.8	-	
2891	Glue and gelatin.....	67	100.0	7.2	12.8	29.6	19.4	11.0	.1	9.0	-	10.9	-	
2899	Chemical products, n.e.c.....	90	100.0	4.1	17.4	14.5	13.8	18.7	15.7	8.6	2.1	5.1	-	
29	Petroleum and coal products.....	1,840	100.0	12.8	36.8	6.5	2.8	8.8	.7	20.9	.5	10.2	-	
291	Products of petroleum refining.....	1,540	100.0	14.7	36.2	5.6	3.2	8.6	.1	23.3	-	8.3	-	
2911	Products of petroleum refining (except liquefied petroleum gases and petro- leum coke and breeze).....	1,485	100.0	12.4	36.9	5.7	3.2	8.9	.1	24.2	-	8.6	-	
295	Paving and roofing materials.....	89	100.0	10.1	67.8	3.2	-	16.2	-	2.7	-	-	-	
2952	Asphalt felt and coatings.....	58	100.0	14.4	53.4	3.4	-	24.6	-	4.2	-	-	-	
299	Miscellaneous petroleum and coal products.....	212	100.0	.4	29.5	14.5	.6	7.3	4.7	11.0	4.0	28.0	-	
2991	Miscellaneous petroleum and coal products.....	212	100.0	.4	29.5	14.5	.6	7.3	4.7	11.0	4.0	28.0	-	
30	Rubber and miscellaneous plastics products.....	404	100.0	1.8	4.2	17.6	4.5	9.2	9.3	6.4	1.1	45.9	-	
307	Miscellaneous plastic products.....	305	100.0	1.6	4.3	13.3	2.8	5.5	11.2	6.1	.8	54.4	-	
3071	Miscellaneous plastic products.....	305	100.0	1.6	4.3	13.3	2.8	5.5	11.2	6.1	.8	54.4	-	
32	Stone, clay, and glass products.....	527	100.0	13.5	32.9	14.1	3.1	16.2	3.1	4.9	1.3	10.9	-	
322	Glass and glassware, pressed and blown.....	225	100.0	14.6	42.7	11.6	1.5	12.7	2.7	1.8	.1	12.3	-	
3221	Glass containers, caps and covers.....	151	100.0	20.2	47.6	10.9	2.1	15.8	3.1	.2	-	.1	-	
326	Pottery and related products.....	8	100.0	3.1	6.4	22.8	3.1	22.4	4.8	4.8	.5	32.1	-	
327	Concrete, gypsum, plaster, and plaster products.....	47	100.0	25.2	49.2	2.1	-	22.1	1.4	-	-	-	-	
3271	Concrete products.....	34	100.0	26.6	55.4	2.9	-	15.1	-	-	-	-	-	
329	Abrasives, asbestos, and miscellaneous nonmetallic mineral products.....	165	100.0	5.6	18.6	20.9	3.0	20.2	4.1	10.3	2.0	15.3	-	
3292	Asbestos products.....	45	100.0	4.6	5.7	9.0	2.9	15.1	6.3	15.8	4.5	36.1	-	
33	Primary metal products.....	962	100.0	5.4	17.8	23.2	3.3	11.1	2.3	10.4	2.8	23.7	-	
3312	Primary iron and steel products (except coke-oven products).....	92	100.0	12.6	3.0	7.6	1.9	2.5	-	-	-	72.4	-	
332	Iron and steel castings.....	63	100.0	15.1	32.1	22.5	.3	10.9	.6	13.9	2.6	2.0	-	
3321	Iron and steel castings.....	63	100.0	15.1	32.1	22.5	.3	10.9	.6	13.9	2.6	2.0	-	
335	Nonferrous metal basic shapes.....	470	100.0	4.9	8.8	18.3	4.2	16.5	2.0	16.6	1.7	27.0	-	
3351	Copper, brass, bronze, and other copper base alloy basic shapes.....	166	100.0	8.6	17.8	24.9	5.6	21.1	1.0	7.5	1.0	12.5	-	

See footnotes at end of table.

TABLE 3. Percent Distribution of Commodities, by Geographic Division of Destination: 1967--Continued

TCC code	Commodity	Number	Percent distribution by geographic division ¹ of destination										Sampling variability code ³
			All means of transport	New England	Middle Atlantic	East North Central	West North Central	South Atlantic	East South Central	West South Central	Mountain	Pacific ²	
	TON-MILES OF SHIPMENTS--Continued	(millions of ton-miles)											
3356	Miscellaneous nonferrous metal basic shapes (plate, sheet, strip, rods, bars, pipe, and tubing).....	2	100.0	1.3	5.6	54.8	3.6	20.5	6.6	1.0	1.2	5.4	-
3357	Nonferrous wire (including insulated wire).....	299	100.0	2.8	3.6	14.2	3.5	13.8	2.6	21.9	2.2	35.4	-
336	Nonferrous and nonferrous base alloy castings.....	11	100.0	8.4	16.7	24.2	3.7	15.3	3.4	2.3	.4	25.6	-
339	Miscellaneous primary metal products...	5	100.0	18.5	14.8	53.5	2.4	7.3	-	.3	-	3.2	-
3399	Primary metal products, n.e.c.....	3	100.0	1.3	17.7	76.5	3.5	.6	.1	.1	-	.2	-
34	Fabricated metal products.....	337	100.0	6.9	13.0	32.2	3.5	11.5	4.2	10.7	2.2	15.8	-
341	Metal cans.....	56	100.0	10.4	17.6	10.1	1.3	24.3	1.5	-	-	34.8	-
3411	Metal cans.....	56	100.0	10.4	17.6	10.1	1.3	24.3	1.5	-	-	34.8	-
342	Cutlery, hand tools, and general hardware.....	52	100.0	.2	3.0	51.3	6.2	5.0	1.2	7.6	3.1	22.4	-
3429	Miscellaneous hardware.....	48	100.0	.2	2.9	54.9	6.2	4.9	1.3	7.9	2.8	18.9	-
3433	Heating equipment (except electric)....	17	100.0	3.9	7.5	11.9	7.7	7.5	1.6	20.6	9.1	30.2	-
349	Miscellaneous fabricated metal products	32	100.0	13.3	11.1	21.3	10.1	29.5	5.7	5.1	.9	3.0	-
3494	Valves and pipe fittings (except plumbers' brass goods and fittings)...	5	100.0	1.4	4.1	27.2	5.1	5.6	5.4	28.2	4.4	18.6	-
35	Machinery, except electrical.....	388	100.0	1.0	5.8	44.3	3.9	6.8	2.8	8.1	11.2	16.1	-
353	Construction, mining, and materials handling machinery and equipment.....	104	100.0	1.3	7.7	16.7	3.0	11.3	4.7	11.1	29.8	14.4	-
3544	Special dies and tools, die sets, jigs, fixtures, and industrial molds and patterns.....	1	100.0	3.2	2.8	18.7	-	17.4	-	-	57.9	-	-
355	Special industry machinery (except metalworking machinery).....	17	100.0	4.5	6.8	28.2	11.7	12.9	.8	11.6	.8	22.7	-
359	Miscellaneous machinery and parts (except electrical).....	16	100.0	1.1	2.0	5.7	2.8	13.4	2.0	38.3	32.4	2.3	-
3599	Miscellaneous machinery and parts (except electrical).....	16	100.0	1.1	2.0	5.7	2.8	13.4	2.0	38.3	32.4	2.3	-
36	Electrical machinery and equipment.....	378	100.0	2.0	5.0	22.2	13.5	15.8	2.5	9.8	8.0	21.2	-
361	Electrical transmission and distribution equipment.....	40	100.0	1.2	3.5	19.5	.8	26.8	1.8	15.3	1.5	29.6	-
3611	Electrical measuring instruments and test equipment.....	3	100.0	.9	4.2	6.1	4.6	3.7	.2	15.6	10.2	54.5	-
364	Electric lighting and wiring equipment.	46	100.0	2.2	2.6	17.1	15.4	26.0	2.3	13.2	3.4	17.8	-
3642	Lighting fixtures.....	34	100.0	2.6	3.0	13.4	8.9	26.4	2.7	17.3	4.6	21.1	-
365	Radio and television receiving sets (except communication types), phonographs, and phonograph records.....	114	100.0	1.7	3.6	18.9	25.0	5.9	4.9	12.8	6.4	20.8	-
367	Electronic components or accessories...	27	100.0	1.1	11.7	14.3	34.2	4.6	1.1	4.2	2.6	26.2	-
3679	Miscellaneous electronic components and accessories.....	21	100.0	1.4	14.7	10.9	44.0	4.7	1.3	2.8	2.1	18.1	-
372	Aircraft and parts.....	3	100.0	.9	2.3	1.4	2.0	5.8	.4	63.2	8.2	15.8	-
38	Instruments, photographic goods, optical goods, watches, and clocks.....	45	100.0	4.5	6.8	8.3	2.1	14.0	1.6	13.7	1.9	47.1	-
381	Engineering, laboratory, and scientific instruments.....	1	100.0	.8	2.7	7.4	6.9	5.2	.3	28.3	5.5	42.9	-
3811	Engineering, laboratory, and scientific instruments.....	1	100.0	.8	2.7	7.4	6.9	5.2	.3	28.3	5.5	42.9	-
39	Miscellaneous products of manufacturing	90	100.0	4.0	1.8	10.8	5.2	13.9	6.3	2.9	.8	54.3	-

¹For States included in the geographic divisions, see map on inside cover.

²Shipments to Alaska and Hawaii from the 48 conterminous States and the District of Columbia are included; no data were obtained for shipments originating in Alaska and Hawaii.

³Code letter indicates a sampling variability range as follows: a, 0-9 percent; b, 10-19 percent; c, 20-29 percent; and d, 30-50 percent. The variability for ton-miles has not been estimated.

NEW YORK

SUMMARY

The estimates of tons and ton-miles are based on reports from a sample of manufacturing establishments located in the State of New York. The total tons and ton-miles represent the total intercity shipments by essentially all manufacturing establishments in the State, except for plants with less than 20 employees. However, since the data are based on a sample, the estimates necessarily are subject to "sampling variability."

The approximate degree of sampling variability for tons for each commodity or commodity class is indicated in the last column of tables 1 to 3. In general, most of the commodity data in this report are subject to substantial sampling variability and should be treated as approximate rather than precise measures.

About 47 million tons of commodities were shipped by plants in this area to destinations beyond the local area. These shipments gener-

ated 15 billion ton-miles by all means of transport combined, and averaged about 313 straight-line miles per ton shipped.

Table B indicates that 31 percent of the tons moved between 200 and 299 miles and that mileage block accounts for 25 percent of the ton-miles.

Motor carrier and rail are the dominant means of transport, accounting for 38.2 percent and 35.2 percent, respectively, of the total tons. When measured in terms of ton-miles rather than tons, rail becomes dominant accounting for 47.4 percent of the total ton-miles, and motor carrier accounting for 34.7 percent.

As shown in table C, almost 60 percent of the total tons shipped by plants in New York remained in the Northeast Region. However, for some commodity groups (such as Apparel, Machinery, and Miscellaneous Products of Manufacturing) a more widespread distribution is indicated.

Table A. PERCENT DISTRIBUTION OF SHIPMENTS, AND AVERAGE LENGTH OF HAUL, BY MEANS OF TRANSPORT

Means of transport	Tons	Ton-miles	Average length of haul
	(thousands)	(millions)	(miles)
All commodities.....	47,118	14,732	-
ALL COMMODITIES	Percent distribution		
All means of transport.....	100.0	100.0	31.3
Rail.....	35.2	47.4	42.1
Motor carrier.....	38.2	34.7	28.4
Private truck.....	14.0	5.7	12.7
Air.....	.1	.4	-
Water.....	11.2	9.2	-
All other.....	1.3	2.6	-

Note: Average length of haul is based on straight-line miles from plant to customer or primary redistribution point, weighted by tonnage shipped (i.e., ton-miles divided by tons). Rail short-line and highway direct-route distances average about 24 and 21 percent, respectively, longer than straight-line distances.

Table B. PERCENT DISTRIBUTION OF SHIPMENTS BY DISTANCE OF SHIPMENT

Distance shipped	Tons	Ton-miles
ALL COMMODITIES		
All distances.....	100.0	100.0
Under 100 miles.....	24.0	3.8
100 to 199 miles.....	20.3	9.9
200 to 299 miles.....	31.3	25.1
300 to 499 miles.....	10.1	12.3
500 to 999 miles.....	9.0	20.0
1,000 to 1,499 miles.....	2.6	10.0
1,500 miles and over.....	2.7	18.9

Table C. PERCENT DISTRIBUTION OF TONS OF COMMODITIES BY REGION OF DESTINATION

TCC code	Commodity class	Tons (thousands)	Percent distribution by region ¹ of destination				
			All destinations	North-east	North Central	South	West
	Total.....	247,118	100.0	59.9	27.6	9.9	2.6
20	Food and kindred products.....	12,096	100.0	82.0	8.9	7.8	1.3
22	Basic textiles.....	217	100.0	46.6	16.9	29.8	6.7
23	Apparel, including knit apparel, and other finished textile products.....	360	100.0	33.7	30.2	24.9	11.2
25	Furniture and fixtures.....	182	100.0	57.7	16.9	19.8	5.6
26	Pulp, paper, and allied products.....	3,722	100.0	64.9	20.5	12.2	2.4
28	Chemicals and allied products.....	5,152	100.0	69.7	14.6	14.1	1.6
30	Rubber and miscellaneous plastics products.....	367	100.0	42.8	22.8	29.1	5.3
31	Leather and leather products.....	75	100.0	37.0	23.3	23.3	16.4
32	Stone, clay, and glass products.....	5,301	100.0	91.3	4.3	3.5	.9
33	Primary metal products.....	4,831	100.0	47.9	42.3	7.6	2.2
34	Fabricated metal products.....	2,365	100.0	54.0	26.3	14.3	5.4
35	Machinery, except electrical.....	1,523	100.0	30.2	31.9	25.5	12.4
36	Electrical machinery and equipment.....	1,104	100.0	36.2	29.9	24.1	9.8
37	Transportation equipment.....	1,255	100.0	42.8	34.5	17.4	5.3
38	Instruments, photographic goods, optical goods, watches, and clocks.....	293	100.0	38.3	28.7	18.1	14.9
39	Miscellaneous products of manufacturing.....	371	100.0	32.8	32.9	21.7	12.6

¹See map on inside cover for areas included in the regions of the United States.

²Total includes commodities not shown separately.

TABLE 1. Percent Distribution of Commodities, by Means of Transport: 1967

TCC code	Commodity	Number	Percent distribution by means of transport								Sampling variability code ¹
			All means of transport	Rail	Motor carrier	Private truck	Air	Water	Other	Unknown	
	TONS OF SHIPMENTS	(thousands of tons)									
	New York, total.....	47,118	100.0	35.2	38.2	14.0	0.1	11.2	1.1	0.2	-
20	Food and kindred products.....	12,096	100.0	41.8	33.7	23.9	-	.5	.1	-	b
201	Meat, poultry, and small game; fresh, chilled or frozen.....	220	100.0	8.3	17.2	71.1	-	3.4	-	-	c
2013	Meat products.....	80	100.0	-	21.1	78.2	.1	.6	-	-	b
203	Canned and preserved fruits, vegetables, and seafoods.....	2,288	100.0	23.0	66.8	10.1	-	.1	-	-	b
2033	Canned fruits and vegetables.....	801	100.0	32.2	47.3	20.1	-	.3	-	.1	d
204	Grain mill products.....	5,465	100.0	72.9	10.7	16.3	-	-	-	.1	d
2041	Flour and other grain mill products....	2,831	100.0	88.8	3.6	7.6	-	-	-	-	d
207	Confectionery and related products.....	878	100.0	23.1	74.8	.4	-	1.5	.1	.1	b
2071	Confectionery and related products.....	878	100.0	23.1	74.8	.4	-	1.5	.1	.1	b
208	Beverages and flavoring extracts.....	1,637	100.0	2.1	31.2	66.2	-	.3	.2	-	b
2082	Malt liquors.....	913	100.0	.1	21.1	78.8	-	-	-	-	b
2087	Miscellaneous flavoring extracts, sirups, and flavoring compounds (except chocolate sirups).....	173	100.0	.3	90.4	7.4	.1	1.8	-	-	c
209	Miscellaneous food preparations and kindred products.....	438	100.0	27.5	49.1	23.1	-	-	.3	-	c
2099	Miscellaneous food preparations.....	328	100.0	22.0	54.2	23.8	-	-	-	-	c
22	Basic textiles.....	217	100.0	13.8	73.5	11.5	.5	-	.7	-	d
225	Knit fabrics.....	18	100.0	-	98.6	-	.6	-	.4	.4	d
2251	Knit fabrics.....	18	100.0	-	98.6	-	.6	-	.4	.4	d
23	Apparel, including knit apparel, and other finished textile products.....	360	100.0	8.0	72.4	1.6	.8	.1	16.7	.4	b
231	Men's, youths', and boys' clothing.....	62	100.0	7.8	56.0	2.7	.2	.1	33.2	-	d
2311	Men's, youths', and boys' clothing.....	62	100.0	7.8	56.0	2.7	.2	.1	33.2	-	d
233	Women's, misses', girls', and infants' clothing.....	153	100.0	.2	75.7	.7	1.5	-	20.9	1.0	c
2331	Women's, misses', girls', and infants' clothing.....	153	100.0	.2	75.7	.7	1.5	-	20.9	1.0	c
235	Millinery, caps and hats.....	18	100.0	-	92.2	-	.3	-	7.5	-	d
239	Miscellaneous fabricated textile products.....	122	100.0	19.5	72.6	2.5	.1	.1	5.2	-	d
243	Millwork and prefabricated wood products, including plywood and veneer....	118	100.0	21.5	43.9	34.4	.1	-	-	.1	d
244	Wooden containers.....	1	100.0	-	97.0	1.0	-	-	.2	1.8	d
2441	Wooden containers.....	1	100.0	-	97.0	1.0	-	-	.2	1.8	d
25	Furniture and fixtures.....	182	100.0	12.8	50.6	35.5	-	.1	.3	.7	c
251	Household and office furniture.....	137	100.0	16.6	47.3	35.7	-	.1	.3	-	d
2519	Household and office furniture, n.e.c..	43	100.0	6.3	65.2	27.7	-	.2	.6	-	d
254	Partitions, shelving, lockers, and office and store fixtures.....	42	100.0	1.6	57.8	37.6	-	-	-	3.0	d
2541	Wood partitions, shelving, lockers, and office and store fixtures.....	23	100.0	-	64.8	35.1	-	-	.1	-	d
2542	Metal partitions, shelving, lockers, and office and store fixtures.....	19	100.0	3.5	49.5	40.5	-	-	-	6.5	d
26	Pulp, paper, and allied products.....	3,722	100.0	47.1	34.6	18.0	-	-	.1	.2	b
262	Paper (except building paper).....	1,542	100.0	50.8	40.6	8.4	-	-	-	.2	c
2621	Paper (except building paper).....	1,542	100.0	50.8	40.6	8.4	-	-	-	.2	c

See footnote at end of table.

TABLE 1. Percent Distribution of Commodities, by Means of Transport: 1967--Continued

TCC code	Commodity	Number	Percent distribution by means of transport								Sampling variability code ¹
			All means of transport	Rail	Motor carrier	Private truck	Air	Water	Other	Unknown	
	TONS OF SHIPMENTS--Continued	(thousands of tons)									
264	Converted paper and paperboard products (except containers and boxes).....	902	100.0	62.2	29.7	7.3	-	0.1	0.4	0.3	c
2645	Die-cut paper and paperboard products (including cardboard).....	121	100.0	38.6	57.0	3.5	0.1	.4	.4	-	d
2647	Sanitary paper products.....	575	100.0	85.7	5.4	8.4	-	-	-	.5	d
2649	Miscellaneous converted paper products and paperboard products.....	64	100.0	28.5	71.4	-	-	-	.1	-	c
28	Chemicals and allied products.....	5,152	100.0	49.4	27.6	19.9	.1	.4	1.9	.7	b
281	Industrial chemicals.....	3,047	100.0	78.2	15.5	3.3	-	.4	2.6	-	b
2812	Basic inorganic chemical compounds (including chlorine, potassium, and sodium compounds).....	2,194	100.0	84.1	11.2	2.1	-	.5	2.1	-	b
2815	Dyes and dye (cyclic) intermediates and organic pigments (lakes and toners)...	37	100.0	8.3	80.0	11.5	.2	-	-	-	d
2818	Miscellaneous industrial organic chemicals.....	391	100.0	77.2	17.0	.7	-	.5	4.6	-	d
2819	Miscellaneous industrial inorganic chemicals.....	296	100.0	68.3	20.3	7.1	-	-	4.3	-	c
282	Plastic materials and plasticizers, synthetic resins, rubbers, and fibers.	243	100.0	7.1	63.1	29.6	.2	-	-	-	c
2821	Plastic materials and plasticizers, synthetic resins, rubbers, and fibers.	243	100.0	7.1	63.1	29.6	.2	-	-	-	c
283	Drugs (biological products, medicinal chemicals, botanical products, and pharmaceutical preparations).....	88	100.0	10.7	71.6	1.2	2.1	3.7	10.7	-	b
2831	Drugs (biological products, medicinal chemicals, botanical products, and pharmaceutical preparations).....	88	100.0	10.7	71.6	1.2	2.1	3.7	10.7	-	b
284	Soap and detergents, cleaning preparations, perfumes, cosmetics, and other toilet preparations.....	481	100.0	19.1	74.9	2.4	.1	.9	2.5	.1	c
2842	Specialty cleaning, polishing, and sanitation preparations (except soap and detergents).....	342	100.0	23.4	72.2	2.3	-	-	2.1	-	d
2844	Perfumes, cosmetics, and other toilet preparations.....	110	100.0	4.9	86.4	3.2	.6	.1	4.2	.6	b
285	Paints, varnishes, lacquers, enamels, and allied products.....	102	100.0	4.0	91.4	2.1	-	-	.1	2.4	d
2851	Paints, varnishes, lacquers, enamels, and allied products.....	102	100.0	4.0	91.4	2.1	-	-	.1	2.4	d
289	Miscellaneous chemical products.....	130	100.0	6.1	46.8	22.2	-	.3	-	24.6	d
2899	Chemical products, n.e.c.....	59	100.0	13.3	85.5	.5	-	.6	-	.1	d
30	Rubber and miscellaneous plastics products.....	367	100.0	7.2	71.5	19.4	.7	-	1.2	-	c
306	Miscellaneous fabricated rubber products.....	34	100.0	.4	62.3	35.4	.9	-	1.0	-	d
3061	Miscellaneous fabricated rubber products.....	34	100.0	.4	62.3	35.4	.9	-	1.0	-	d
307	Miscellaneous plastic products.....	264	100.0	4.2	72.0	21.4	.8	.1	1.5	-	c
3071	Miscellaneous plastic products.....	264	100.0	4.2	72.0	21.4	.8	.1	1.5	-	c
31	Leather and leather products.....	75	100.0	3.0	90.4	.6	.4	.4	5.0	.2	c
314	Footwear (except rubber).....	11	100.0	-	99.8	-	.1	-	.1	-	d
316	Luggage and handbags (all materials), and other personal leather goods.....	34	100.0	4.8	87.0	1.3	.4	.5	5.7	.3	c
3161	Luggage and handbags (all materials), and other personal leather goods.....	34	100.0	4.8	87.0	1.3	.4	.5	5.7	.3	c

See footnote at end of table.

TABLE 1. Percent Distribution of Commodities, by Means of Transport: 1967--Continued

TCC code	Commodity	Number	Percent distribution by means of transport								Sampling variability code ¹
			All means of transport	Rail	Motor carrier	Private truck	Air	Water	Other	Unknown	
	TONS OF SHIPMENTS--Continued	(thousands of tons)									
32	Stone, clay, and glass products.....	5,301	100.0	20.7	73.5	1.9	-	3.7	0.1	0.1	c
326	Pottery and related products.....	70	100.0	53.5	35.2	1.9	0.1	2.1	7.2	-	d
327	Concrete, gypsum, plaster, and plaster products.....	1,890	100.0	5.4	90.3	4.3	-	-	-	-	d
3291	Abrasive products.....	299	100.0	22.7	73.5	2.2	.1	-	.1	1.4	d
33	Primary metal products.....	4,831	100.0	44.4	43.0	8.1	-	4.3	.1	.1	a
331	Steel works and rolling mill products..	2,679	100.0	54.0	41.8	.9	-	3.3	-	-	b
3312	Primary iron and steel products (except coke-oven products).....	2,647	100.0	54.1	41.6	.9	-	3.4	-	-	b
332	Iron and steel castings.....	161	100.0	26.1	70.9	2.9	-	-	.1	-	c
3321	Iron and steel castings.....	161	100.0	26.1	70.9	2.9	-	-	.1	-	c
333	Nonferrous metals primary smelter products (slab, ingot, pig, etc., and residues).....	873	100.0	45.4	18.6	22.9	-	13.0	-	.1	d
3334	Primary aluminum smelter products.....	162	100.0	59.1	37.8	2.4	-	.7	-	-	b
335	Nonferrous metal basic shapes.....	860	100.0	20.5	59.5	18.6	.2	.7	.3	.2	b
3351	Copper, brass, bronze, and other copper base alloy basic shapes.....	191	100.0	21.1	55.8	22.6	-	.5	-	-	b
3352	Aluminum and aluminum base alloy basic shapes (except aluminum foil).....	181	100.0	32.1	61.5	3.9	-	2.5	-	-	d
3356	Miscellaneous nonferrous metal basic shapes (plate, sheet, strip, rods, bars, pipe, and tubing).....	11	100.0	22.7	44.0	10.3	.4	9.5	1.4	11.7	d
3357	Nonferrous wire (including insulated wire).....	477	100.0	15.8	60.5	22.9	.3	-	.4	.1	b
34	Fabricated metal products.....	2,365	100.0	35.5	50.0	8.3	.1	5.8	.3	-	b
342	Cutlery, hand tools, and general hardware.....	58	100.0	7.8	83.3	.1	.2	-	7.7	.9	d
343	Plumbing fixtures and heating apparatus (except electric).....	81	100.0	3.3	94.7	1.5	.1	-	.4	-	d
3433	Heating equipment (except electric)....	70	100.0	3.7	94.4	1.7	.1	-	.1	-	c
3443	Fabricated plate products (boiler shop products).....	26	100.0	45.1	50.8	2.5	1.2	-	.4	-	c
346	Metal stampings.....	243	100.0	57.0	40.6	1.7	.2	-	.5	-	b
3461	Metal stampings.....	243	100.0	57.0	40.6	1.7	.2	-	.5	-	b
348	Miscellaneous fabricated wire products.	102	100.0	33.8	55.7	9.7	-	.5	.3	-	c
3481	Miscellaneous fabricated wire products.	102	100.0	33.8	55.7	9.7	-	.5	.3	-	c
35	Machinery, except electrical.....	1,523	100.0	25.9	55.6	2.0	1.4	.2	14.7	.2	c
355	Special industry machinery (except metalworking machinery).....	138	100.0	20.6	73.6	1.8	1.7	1.6	.7	-	d
356	General industrial machinery and equipment.....	150	100.0	30.4	63.7	1.3	.7	.3	3.6	-	b
3561	Pumps, air and gas compressors, and measuring and dispensing pumps, also pumping equipment.....	64	100.0	64.5	34.2	.4	.2	.5	.2	-	c
3566	Mechanical power transmission equipment, except ball and roller bearings.	13	100.0	-	79.4	8.0	.2	-	12.4	-	d
3569	General industrial machinery and equipment, n.e.c.....	18	100.0	.3	87.2	4.0	2.8	.5	5.2	-	d
357	Office, computing, and accounting machines.....	119	100.0	4.2	92.7	.1	2.1	.3	.6	-	b
3579	Miscellaneous office machines.....	33	100.0	-	97.9	-	1.2	.3	.6	-	d

See footnote at end of table.

TABLE 1. Percent Distribution of Commodities, by Means of Transport: 1967--Continued

TCC code	Commodity	Number	Percent distribution by means of transport								Sampling variability code ¹
			All means of transport	Rail	Motor carrier	Private truck	Air	Water	Other	Unknown	
	TONS OF SHIPMENTS--Continued	(thousands of tons)									
36	Electrical machinery and equipment.....	1,104	100.0	14.2	59.4	18.0	1.0	0.1	7.3	-	c
361	Electrical transmission and distribution equipment.....	6	100.0	23.2	54.6	6.8	7.9	.8	6.7	-	d
3611	Electrical measuring instruments and test equipment.....	2	100.0	1.0	70.0	.2	15.9	-	12.9	-	d
362	Electrical industrial apparatus.....	335	100.0	19.9	49.7	12.2	.3	-	17.9	-	c
3621	Motors and generators.....	197	100.0	6.8	44.4	19.5	.1	.1	29.1	-	b
363	Household appliances.....	59	100.0	11.1	68.1	20.2	.1	.2	.3	-	d
3634	Electric housewares and fans.....	47	100.0	-	79.8	19.5	.1	.2	.4	-	d
365	Radio and television receiving sets (except communication types), phonographs, and phonograph records.....	132	100.0	18.7	57.7	21.9	.4	.1	1.2	-	c
3651	Radio and television receiving sets (except communication types), and phonographs.....	96	100.0	25.6	68.5	4.3	.4	.2	1.0	-	a
366	Communication equipment.....	18	100.0	14.3	69.3	2.2	2.8	-	11.2	0.2	d
3662	Radio and television transmitting, signaling, and detection equipment and apparatus.....	12	100.0	20.2	61.9	3.0	1.9	-	12.8	.2	d
367	Electronic components or accessories...	77	100.0	10.2	59.9	21.6	3.3	-	5.0	-	c
3679	Miscellaneous electronic components and accessories.....	51	100.0	.3	67.7	21.9	3.4	-	6.7	-	d
37	Transportation equipment.....	1,255	100.0	55.1	44.2	.1	.4	-	.2	-	a
372	Aircraft and parts.....	28	100.0	21.4	59.0	4.6	10.7	-	4.3	-	d
3729	Aircraft parts and equipment, n.e.c....	16	100.0	37.3	50.4	.3	9.0	-	3.0	-	c
379	Miscellaneous transportation equipment.	1	100.0	-	87.0	13.0	-	-	-	-	d
3799	Transportation equipment, n.e.c.....	1	100.0	-	87.0	13.0	-	-	-	-	d
38	Instruments, photographic goods, optical goods, watches, and clocks.....	293	100.0	40.6	55.4	.2	.9	.3	2.6	-	b
381	Engineering, laboratory, and scientific instruments.....	1	100.0	12.4	50.2	.4	32.3	-	4.7	-	d
3811	Engineering, laboratory, and scientific instruments.....	1	100.0	12.4	50.2	.4	32.3	-	4.7	-	d
382	Measuring, controlling, and indicating instruments.....	9	100.0	13.3	72.3	.1	3.0	-	11.3	-	d
3821	Mechanical measuring and controlling instruments (except automatic temperature controls).....	8	100.0	15.2	69.6	.2	3.3	-	11.7	-	d
384	Surgical, medical, and dental instruments and supplies.....	16	100.0	12.8	53.1	.3	1.4	5.2	27.2	-	d
386	Photographic equipment and supplies....	260	100.0	44.3	54.8	.2	.5	-	.2	-	b
3861	Photographic equipment and supplies....	260	100.0	44.3	54.8	.2	.5	-	.2	-	b
387	Watches, clocks, and parts, and clockwork operated devices and parts.....	4	100.0	3.5	50.4	5.1	9.0	-	32.0	-	c
3871	Watches, clocks, and parts, and clockwork operated devices and parts.....	4	100.0	3.5	50.4	5.1	9.0	-	32.0	-	c
39	Miscellaneous products of manufacturing	371	100.0	22.2	64.2	6.3	.2	2.0	5.0	.1	c
399	Miscellaneous manufactured products....	153	100.0	2.9	91.6	1.2	.2	-	4.0	.1	c

See footnote at end of table.

TABLE 1. Percent Distribution of Commodities, by Means of Transport: 1967--Continued

TCC code	Commodity	Number	Percent distribution by means of transport								Sampling variability code
			All means of transport	Rail	Motor carrier	Private truck	Air	Water	Other	Unknown	
	TON-MILES OF SHIPMENTS	(millions of ton-miles)									
	New York, total.....	14,732	100.0	47.4	34.7	5.7	0.4	9.2	2.5	0.1	-
20	Food and kindred products.....	3,060	100.0	55.1	31.4	11.6	-	1.7	.2	-	-
201	Meat, poultry, and small game; fresh, chilled or frozen.....	41	100.0	9.8	39.2	33.6	.1	17.3	-	-	-
2013	Meat products.....	13	100.0	-	64.9	34.8	.2	.1	-	-	-
203	Canned and preserved fruits, vegetables, and seafoods.....	788	100.0	42.6	48.4	8.6	-	.4	-	-	-
2033	Canned fruits and vegetables.....	330	100.0	45.5	35.8	17.8	-	.9	-	-	-
204	Grain mill products.....	1,071	100.0	85.5	7.0	7.5	-	-	-	-	-
2041	Flour and other grain mill products....	653	100.0	94.0	2.3	3.7	-	-	-	-	-
207	Confectionery and related products.....	528	100.0	49.8	46.1	.6	-	3.3	.2	-	-
2071	Confectionery and related products.....	528	100.0	49.8	46.1	.6	-	3.3	.2	-	-
208	Beverages and flavoring extracts.....	221	100.0	8.7	49.2	38.4	-	2.7	1.0	-	-
2082	Malt liquors.....	83	100.0	.8	26.6	72.6	-	-	-	-	-
2087	Miscellaneous flavoring extracts, sirups, and flavoring compounds (except chocolate sirups).....	59	100.0	1.6	92.5	1.6	-	4.3	-	-	-
209	Miscellaneous food preparations and kindred products.....	158	100.0	48.3	35.4	15.8	-	-	.5	-	-
2099	Miscellaneous food preparations.....	130	100.0	44.5	38.1	17.2	-	-	.2	-	-
22	Basic textiles.....	112	100.0	13.2	72.3	11.5	1.9	.1	1.0	-	-
225	Knit fabrics.....	5	100.0	-	95.1	-	3.0	-	1.8	.1	-
2251	Knit fabrics.....	5	100.0	-	95.1	-	3.0	-	1.8	.1	-
23	Apparel, including knit apparel, and other finished textile products.....	245	100.0	9.4	72.4	.2	1.3	.4	15.8	.5	-
231	Men's, youths', and boys' clothing.....	38	100.0	8.7	59.1	.7	.2	.2	31.1	-	-
2311	Men's, youths', and boys' clothing.....	38	100.0	8.7	59.1	.7	.2	.2	31.1	-	-
233	Women's, misses', girls', and infants' clothing.....	125	100.0	.3	79.6	-	2.2	.3	16.6	1.0	-
2331	Women's, misses', girls', and infants' clothing.....	125	100.0	.3	79.6	-	2.2	.3	16.6	1.0	-
235	Millinery, caps and hats.....	9	100.0	-	92.0	-	1.5	-	6.5	-	-
239	Miscellaneous fabricated textile products.....	70	100.0	27.4	63.6	.1	.2	.8	7.9	-	-
243	Millwork and prefabricated wood products, including plywood and veneer....	64	100.0	64.0	30.7	5.3	-	-	-	-	-
244	Wooden containers.....	1	100.0	-	97.5	.2	-	-	.2	2.1	-
2441	Wooden containers.....	1	100.0	-	97.5	.2	-	-	.2	2.1	-
25	Furniture and fixtures.....	80	100.0	32.0	52.1	14.7	-	.2	.6	.4	-
251	Household and office furniture.....	61	100.0	41.0	45.3	12.6	-	.3	.8	-	-
2519	Household and office furniture, n.e.c..	18	100.0	21.3	71.4	4.6	-	.9	1.8	-	-
254	Partitions, shelving, lockers, and office and store fixtures.....	18	100.0	2.7	73.3	22.2	-	-	.1	1.7	-
2541	Wood partitions, shelving, lockers, and office and store fixtures.....	10	100.0	-	84.5	15.4	-	-	.1	-	-
2542	Metal partitions, shelving, lockers, and office and store fixtures.....	9	100.0	5.6	61.2	29.7	-	-	-	3.5	-
26	Pulp, paper, and allied products.....	1,420	100.0	67.5	26.4	5.7	-	.1	.2	.1	-
262	Paper (except building paper).....	601	100.0	67.7	27.7	4.3	-	-	.1	.2	-
2621	Paper (except building paper).....	601	100.0	67.7	27.7	4.3	-	-	.1	.2	-

See footnote at end of table.

TABLE 1. Percent Distribution of Commodities, by Means of Transport: 1967--Continued

TCC code	Commodity	Number	Percent distribution by means of transport								Sampling variability code ¹
			All means of transport	Rail	Motor carrier	Private truck	Air	Water	Other	Unknown	
	TON-MILES OF SHIPMENTS--Continued	(millions of ton-miles)									
264	Converted paper and paperboard products (except containers and boxes).....	449	100.0	673	28.8	2.8	-	0.3	0.6	0.2	-
2645	Die-cut paper and paperboard products (including cardboard).....	91	100.0	56.8	40.3	.5	0.1	1.3	1.0	-	-
2647	Sanitary paper products.....	263	100.0	91.9	4.9	2.9	-	-	-	.3	-
2649	Miscellaneous converted paper products and paperboard products.....	26	100.0	15.9	83.9	-	.1	-	.1	-	-
28	Chemicals and allied products.....	1,546	100.0	61.5	28.6	5.3	.2	1.8	2.1	.5	-
281	Industrial chemicals.....	1,010	100.0	84.4	11.6	1.5	-	1.2	1.3	-	-
2812	Basic inorganic chemical compounds (including chlorine, potassium, and sodium compounds).....	697	100.0	89.3	7.1	1.1	-	1.7	.8	-	-
2815	Dyes and dye (cyclic) intermediates and organic pigments (lakes and toners)...	22	100.0	21.1	75.5	2.8	.6	-	-	-	-
2818	Miscellaneous industrial organic chemicals.....	171	100.0	82.6	13.9	.6	.1	-	2.8	-	-
2819	Miscellaneous industrial inorganic chemicals.....	98	100.0	81.1	12.8	3.0	-	-	3.1	-	-
282	Plastic materials and plasticizers, synthetic resins, rubbers, and fibers.	109	100.0	20.5	64.5	14.3	.3	.3	.1	-	-
2821	Plastic materials and plasticizers, synthetic resins, rubbers, and fibers.	109	100.0	20.5	64.5	14.3	.3	.3	.1	-	-
283	Drugs (biological products, medicinal chemicals, botanical products, and pharmaceutical preparations).....	72	100.0	13.2	63.4	.1	2.6	6.1	14.6	-	-
2831	Drugs (biological products, medicinal chemicals, botanical products, and pharmaceutical preparations).....	72	100.0	13.2	63.4	.1	2.6	6.1	14.6	-	-
284	Soap and detergents, cleaning preparations, perfumes, cosmetics, and other toilet preparations.....	210	100.0	20.3	69.4	.8	.5	5.2	3.4	.4	-
2842	Specialty cleaning, polishing, and sanitation preparations (except soap and detergents).....	125	100.0	26.1	70.0	1.2	-	-	2.7	-	-
2844	Perfumes, cosmetics, and other toilet preparations.....	61	100.0	8.4	82.2	.2	1.6	.4	5.9	1.3	-
285	Paints, varnishes, lacquers, enamels, and allied products.....	31	100.0	10.4	82.8	3.9	.1	-	-	2.8	-
2851	Paints, varnishes, lacquers, enamels, and allied products.....	31	100.0	10.4	82.8	3.9	.1	-	-	2.8	-
289	Miscellaneous chemical products.....	50	100.0	23.8	54.0	9.2	-	-	.1	12.9	-
2899	Chemical products, n.e.c.....	35	100.0	33.8	65.8	-	.1	.1	-	.2	-
30	Rubber and miscellaneous plastics products.....	195	100.0	14.9	66.0	16.1	1.2	.2	1.6	-	-
306	Miscellaneous fabricated rubber products.....	19	100.0	1.8	64.6	28.5	2.1	-	3.0	-	-
3061	Miscellaneous fabricated rubber products.....	19	100.0	1.8	64.6	28.5	2.1	-	3.0	-	-
307	Miscellaneous plastic products.....	133	100.0	6.2	72.3	17.9	1.4	.3	1.9	-	-
3071	Miscellaneous plastic products.....	133	100.0	6.2	72.3	17.9	1.4	.3	1.9	-	-
31	Leather and leather products.....	61	100.0	5.0	88.0	.1	.6	1.7	4.4	.2	-
314	Footwear (except rubber).....	5	100.0	-	99.8	-	.1	-	.1	-	-
316	Luggage and handbags (all materials), and other personal leather goods.....	30	100.0	5.8	86.1	.3	.7	2.1	4.5	.5	-
3161	Luggage and handbags (all materials), and other personal leather goods.....	30	100.0	5.8	86.1	.3	.7	2.1	4.5	.5	-

See footnote at end of table.

TABLE 1. Percent Distribution of Commodities, by Means of Transport: 1967--Continued

TCC code	Commodity	Number	Percent distribution by means of transport								Sampling variability code ¹
			All means of transport	Rail	Motor carrier	Private truck	Air	Water	Other	Unknown	
	TON-MILES OF SHIPMENTS--Continued	(millions of ton-miles)									
32	Stone, clay, and glass products.....	842	100.0	34.3	60.9	0.9	0.1	2.7	0.7	0.4	-
326	Pottery and related products.....	67	100.0	61.0	22.1	.2	.1	10.2	6.4	-	-
327	Concrete, gypsum, plaster, and plaster products.....	207	100.0	16.0	81.5	2.4	-	-	.1	-	-
3291	Abrasive products.....	111	100.0	27.2	68.1	1.4	.1	-	.1	3.1	-
33	Primary metal products.....	1,563	100.0	54.7	39.5	3.5	.1	2.1	.1	-	-
331	Steel works and rolling mill products..	805	100.0	60.6	36.3	.2	-	2.9	-	-	-
3312	Primary iron and steel products (except coke-oven products).....	794	100.0	60.9	35.9	.2	-	3.0	-	-	-
332	Iron and steel castings.....	48	100.0	43.5	55.1	.9	-	-	.5	-	-
3321	Iron and steel castings.....	48	100.0	43.5	55.1	.9	-	-	.5	-	-
333	Nonferrous metals primary smelter products (slab, ingot, pig, etc., and residues).....	202	100.0	74.4	14.2	8.7	-	2.6	-	.1	-
3334	Primary aluminum smelter products.....	70	100.0	73.6	25.8	.5	-	.1	-	-	-
335	Nonferrous metal basic shapes.....	421	100.0	40.2	49.6	8.5	.3	1.0	.3	.1	-
3351	Copper, brass, bronze, and other copper base alloy basic shapes.....	74	100.0	42.3	47.6	10.1	-	-	-	-	-
3352	Aluminum and aluminum base alloy basic shapes (except aluminum foil).....	80	100.0	47.4	46.1	1.3	.1	5.1	-	-	-
3356	Miscellaneous nonferrous metal basic shapes (plate, sheet, strip, rods, bars, pipe, and tubing).....	4	100.0	59.8	27.4	4.1	.7	.5	2.7	4.8	-
3357	Nonferrous wire (including insulated wire).....	262	100.0	37.1	51.8	10.3	.4	-	.4	-	-
34	Fabricated metal products.....	913	100.0	46.9	42.8	2.0	.1	7.2	.9	.1	-
342	Cutlery, hand tools, and general hardware.....	34	100.0	7.6	69.9	-	.4	-	20.9	1.2	-
343	Plumbing fixtures and heating apparatus (except electric).....	34	100.0	2.7	94.0	3.0	.2	-	.1	-	-
3433	Heating equipment (except electric)....	27	100.0	3.4	92.7	3.7	.1	-	.1	-	-
3443	Fabricated plate products (boiler shop products).....	13	100.0	64.9	34.0	.3	.6	-	.2	-	-
346	Metal stampings.....	126	100.0	70.8	28.3	.1	.2	.1	.5	-	-
3461	Metal stampings.....	126	100.0	70.8	28.3	.1	.2	.1	.5	-	-
348	Miscellaneous fabricated wire products.	73	100.0	61.9	35.1	1.8	-	1.1	.1	-	-
3481	Miscellaneous fabricated wire products.	73	100.0	61.9	35.1	1.8	-	1.1	.1	-	-
35	Machinery, except electrical.....	1,168	100.0	33.2	45.7	1.4	2.8	.3	16.3	.3	-
355	Special industry machinery (except metalworking machinery).....	80	100.0	26.9	68.0	.5	3.9	-	.7	-	-
356	General industrial machinery and equipment.....	112	100.0	47.8	42.9	1.6	.8	1.1	5.8	-	-
3561	Pumps, air and gas compressors, and measuring and dispensing pumps, also pumping equipment.....	67	100.0	77.4	20.8	-	.1	1.5	.2	-	-
3566	Mechanical power transmission equipment, except ball and roller bearings.	8	100.0	-	68.6	20.1	.4	-	10.9	-	-
3569	General industrial machinery and equipment, n.e.c.....	11	100.0	.3	87.7	1.4	4.3	1.8	4.5	-	-
357	Office, computing, and accounting machines.....	133	100.0	2.7	94.3	-	1.5	1.0	.5	-	-
3579	Miscellaneous office machines.....	57	100.0	-	98.8	-	.2	.8	.2	-	-

See footnote at end of table.

TABLE 1. Percent Distribution of Commodities, by Means of Transport: 1967--Continued

TCC code	Commodity	Number	Percent distribution by means of transport								Sampling variability code ¹
			All means of transport	Rail	Motor carrier	Private truck	Air	Water	Other	Unknown	
	TON-MILES OF SHIPMENTS--Continued	(millions of ton-miles)									
36	Electrical machinery and equipment.....	655	100.0	27.3	52.0	12.0	1.4	0.4	6.9	-	-
361	Electrical transmission and distribution equipment.....	5	100.0	35.8	39.2	1.2	9.3	4.4	10.1	-	-
3611	Electrical measuring instruments and test equipment.....	2	100.0	1.9	59.5	.2	16.9	-	21.5	-	-
362	Electrical industrial apparatus.....	199	100.0	32.3	40.5	12.5	.9	.2	13.6	-	-
3621	Motors and generators.....	114	100.0	18.7	37.6	20.5	.2	.4	22.6	-	-
363	Household appliances.....	44	100.0	15.5	67.4	15.7	.1	1.0	.3	-	-
3634	Electric housewares and fans.....	36	100.0	-	79.9	18.5	.1	1.2	.3	-	-
365	Radio and television receiving sets (except communication types), phonographs, and phonograph records.....	74	100.0	41.9	49.6	3.6	1.3	.8	2.8	-	-
3651	Radio and television receiving sets (except communication types), and phonographs.....	70	100.0	44.3	49.4	2.7	1.2	.9	1.5	-	-
366	Communication equipment.....	16	100.0	14.9	69.2	2.5	2.3	-	11.1	-	-
3662	Radio and television transmitting, signaling, and detection equipment and apparatus.....	12	100.0	19.7	63.5	3.3	1.7	-	11.8	-	-
367	Electronic components or accessories...	45	100.0	12.5	61.2	11.5	7.5	-	7.3	-	-
3679	Miscellaneous electronic components and accessories.....	34	100.0	.4	67.7	14.2	8.2	-	9.5	-	-
37	Transportation equipment.....	537	100.0	77.2	21.6	-	.9	.1	.2	-	-
372	Aircraft and parts.....	23	100.0	53.3	32.3	.1	9.6	-	4.7	-	-
3729	Aircraft parts and equipment, n.e.c.....	22	100.0	56.7	31.6	-	9.6	-	2.1	-	-
379	Miscellaneous transportation equipment.	-	-	-	-	-	-	-	-	-	-
3799	Transportation equipment, n.e.c.....	-	-	-	-	-	-	-	-	-	-
38	Instruments, photographic goods, optical goods, watches, and clocks.....	214	100.0	65.8	29.9	.2	1.4	.1	2.6	-	-
381	Engineering, laboratory, and scientific instruments.....	1	100.0	26.7	14.4	-	51.0	-	7.9	-	-
3811	Engineering, laboratory, and scientific instruments.....	1	100.0	26.7	14.4	-	51.0	-	7.9	-	-
382	Measuring, controlling, and indicating instruments.....	5	100.0	15.6	60.1	-	6.5	-	17.8	-	-
3821	Mechanical measuring and controlling instruments (except automatic temperature controls).....	5	100.0	16.8	57.9	-	7.0	-	18.3	-	-
384	Surgical, medical, and dental instruments and supplies.....	11	100.0	29.2	41.4	-	1.4	2.0	26.0	-	-
386	Photographic equipment and supplies....	192	100.0	70.9	27.8	.3	.8	-	.2	-	-
3861	Photographic equipment and supplies....	192	100.0	70.9	27.8	.3	.8	-	.2	-	-
387	Watches, clocks, and parts, and clock-work operated devices and parts.....	4	100.0	5.3	47.0	1.3	12.6	-	33.8	-	-
3871	Watches, clocks, and parts, and clock-work operated devices and parts.....	4	100.0	5.3	47.0	1.3	12.6	-	33.8	-	-
39	Miscellaneous products of manufacturing	254	100.0	37.4	51.1	1.4	.2	2.4	7.3	0.2	-
399	Miscellaneous manufactured products....	85	100.0	5.2	86.1	.8	.4	-	7.5	-	-

¹Code letter indicates a sampling variability range as follows: a, 0-9 percent; b, 10-19 percent; c, 20-29 percent; and d, 30-50 percent. The variability for ton-miles has not been estimated.

TABLE 2. Percent Distribution of Commodities, by Distance of Shipment: 1967

TCC code	Commodity	Number	Percent distribution by distance of shipment								Sampling variability code ¹
			All distances	Under 100 miles	100 to 199 miles	200 to 299 miles	300 to 499 miles	500 to 999 miles	1,000 to 1,499 miles	1,500 miles or over	
	TONS OF SHIPMENTS	(thousands of tons)									
	New York, total.....	47,118	100.0	24.0	20.3	31.3	10.1	9.0	2.6	2.7	-
20	Food and kindred products.....	12,096	100.0	25.8	27.9	27.0	10.2	6.3	1.5	1.3	b
201	Meat, poultry, and small game; fresh, chilled or frozen.....	220	100.0	52.1	27.2	12.4	2.5	2.0	2.0	1.8	c
2013	Meat products.....	80	100.0	60.1	28.0	4.1	.9	3.9	1.8	1.2	b
203	Canned and preserved fruits, vegetables, and seafoods.....	2,288	100.0	7.3	30.1	33.2	11.2	13.0	3.1	2.1	b
2033	Canned fruits and vegetables.....	801	100.0	7.4	18.4	35.0	11.3	19.1	6.8	2.0	d
204	Grain mill products.....	5,465	100.0	25.4	28.3	32.8	12.4	1.1	-	-	d
2041	Flour and other grain mill products....	2,831	100.0	11.8	25.2	44.5	18.2	.2	.1	-	d
207	Confectionery and related products.....	878	100.0	9.2	33.1	8.7	11.4	20.4	7.8	9.4	b
2071	Confectionery and related products.....	878	100.0	9.2	33.1	8.7	11.4	20.4	7.8	9.4	b
208	Beverages and flavoring extracts.....	1,637	100.0	59.7	25.7	6.9	3.5	2.8	1.0	.4	b
2082	Malt liquors.....	913	100.0	64.1	31.6	4.2	-	-	.1	-	b
2087	Miscellaneous flavoring extracts, sirups, and flavoring compounds (except chocolate sirups).....	173	100.0	28.2	14.9	14.6	23.6	12.9	3.3	2.5	c
209	Miscellaneous food preparations and kindred products.....	438	100.0	19.6	23.5	27.8	8.9	14.1	2.5	3.6	c
2099	Miscellaneous food preparations.....	328	100.0	14.4	25.7	27.7	8.5	16.4	2.9	4.4	c
22	Basic textiles.....	217	100.0	16.7	17.9	12.5	10.2	31.7	2.3	8.7	d
225	Knit fabrics.....	18	100.0	53.5	26.5	2.2	1.1	11.5	.7	4.5	d
2251	Knit fabrics.....	18	100.0	53.5	26.5	2.2	1.1	11.5	.7	4.5	d
23	Apparel, including knit apparel, and other finished textile products.....	360	100.0	16.5	13.3	9.9	12.6	26.6	8.9	12.2	b
231	Men's, youths', and boys' clothing.....	62	100.0	12.2	14.0	16.0	16.3	23.6	8.6	9.3	d
2311	Men's, youths', and boys' clothing.....	62	100.0	12.2	14.0	16.0	16.3	23.6	8.6	9.3	d
233	Women's, misses', girls', and infants' clothing.....	153	100.0	15.6	11.4	5.1	10.7	27.9	12.4	16.9	c
2331	Women's, misses', girls', and infants' clothing.....	153	100.0	15.6	11.4	5.1	10.7	27.9	12.4	16.9	c
235	Millinery, caps and hats.....	18	100.0	44.1	11.3	3.8	6.6	21.6	5.9	6.7	d
239	Miscellaneous fabricated textile products.....	122	100.0	16.2	15.8	13.0	13.9	27.0	5.2	8.9	d
243	Millwork and prefabricated wood products, including plywood and veneer....	118	100.0	33.7	20.6	7.5	6.8	13.8	5.5	12.1	d
244	Wooden containers.....	1	100.0	16.3	37.5	24.6	2.2	5.7	1.3	12.4	d
2441	Wooden containers.....	1	100.0	16.3	37.5	24.6	2.2	5.7	1.3	12.4	d
25	Furniture and fixtures.....	182	100.0	24.2	20.4	14.8	16.3	13.9	4.6	5.8	c
251	Household and office furniture.....	137	100.0	26.2	19.7	12.9	17.0	13.8	4.1	6.3	d
2519	Household and office furniture, n.e.c..	43	100.0	26.5	19.4	13.9	15.7	13.1	5.4	6.0	d
254	Partitions, shelving, lockers, and office and store fixtures.....	42	100.0	15.7	20.3	22.2	15.5	15.0	6.5	4.8	d
2541	Wood partitions, shelving, lockers, and office and store fixtures.....	23	100.0	14.8	27.5	23.5	9.6	13.4	6.0	5.2	d
2542	Metal partitions, shelving, lockers, and office and store fixtures.....	19	100.0	16.9	11.7	20.7	22.3	17.0	7.0	4.4	d
26	Pulp, paper, and allied products.....	3,722	100.0	20.2	16.6	26.8	12.2	17.6	3.8	2.8	b
262	Paper (except building paper).....	1,542	100.0	8.0	18.2	34.0	14.4	21.0	3.1	1.3	c
2621	Paper (except building paper).....	1,542	100.0	8.0	18.2	34.0	14.4	21.0	3.1	1.3	c

See footnote at end of table.

TABLE 2. Percent Distribution of Commodities, by Distance of Shipment: 1967--Continued

TCC code	Commodity	Number	Percent distribution by distance of shipment								Sampling variability code ¹
			All distances	Under 100 miles	100 to 199 miles	200 to 299 miles	300 to 499 miles	500 to 999 miles	1,000 to 1,499 miles	1,500 miles or over	
	TONS OF SHIPMENTS--Continued	(thousands of tons)									
264	Converted paper and paperboard products (except containers and boxes).....	902	100.0	9.5	18.5	24.3	15.0	20.5	6.8	5.4	c
2645	Die-cut paper and paperboard products (including cardboard).....	121	100.0	20.4	6.4	20.3	11.7	13.1	6.8	21.3	d
2647	Sanitary paper products.....	575	100.0	5.3	21.5	26.3	16.6	20.8	6.5	3.0	d
2649	Miscellaneous converted paper products and paperboard products.....	64	100.0	9.8	13.8	34.0	15.2	21.9	2.7	2.6	c
28	Chemicals and allied products.....	5,152	100.0	26.7	18.1	25.7	15.9	9.1	2.6	1.9	b
281	Industrial chemicals.....	3,047	100.0	8.6	19.8	36.8	21.8	9.1	2.3	1.6	b
2812	Basic inorganic chemical compounds (including chlorine, potassium, and sodium compounds).....	2,194	100.0	7.5	20.4	43.4	15.4	9.9	2.5	.9	b
2815	Dyes and dye (cyclic) intermediates and organic pigments (lakes and toners)...	37	100.0	7.6	23.8	19.0	17.7	6.5	24.9	.5	d
2818	Miscellaneous industrial organic chemicals.....	391	100.0	4.5	5.6	14.3	61.0	9.2	1.6	3.8	d
2819	Miscellaneous industrial inorganic chemicals.....	296	100.0	18.9	22.9	21.2	26.3	5.9	.2	4.6	c
282	Plastic materials and plasticizers, synthetic resins, rubbers, and fibers.	243	100.0	20.9	13.0	16.6	24.0	14.4	5.9	5.2	c
2821	Plastic materials and plasticizers, synthetic resins, rubbers, and fibers.	243	100.0	20.9	13.0	16.6	24.0	14.4	5.9	5.2	c
283	Drugs (biological products, medicinal chemicals, botanical products, and pharmaceutical preparations).....	88	100.0	23.5	7.3	7.0	7.1	26.9	11.0	17.2	b
2831	Drugs (biological products, medicinal chemicals, botanical products, and pharmaceutical preparations).....	88	100.0	23.5	7.3	7.0	7.1	26.9	11.0	17.2	b
284	Soap and detergents, cleaning preparations, perfumes, cosmetics, and other toilet preparations.....	481	100.0	16.0	20.4	21.7	13.5	18.4	6.4	3.6	c
2842	Specialty cleaning, polishing, and sanitation preparations (except soap and detergents).....	342	100.0	14.0	24.3	24.9	15.3	14.9	5.3	1.3	d
2844	Perfumes, cosmetics, and other toilet preparations.....	110	100.0	26.0	12.5	9.0	10.6	23.6	10.4	7.9	b
285	Paints, varnishes, lacquers, enamels, and allied products.....	102	100.0	33.1	20.4	17.5	5.9	20.3	1.9	.9	d
2851	Paints, varnishes, lacquers, enamels, and allied products.....	102	100.0	33.1	20.4	17.5	5.9	20.3	1.9	.9	d
289	Miscellaneous chemical products.....	130	100.0	16.8	26.1	18.0	12.8	18.3	4.7	3.3	d
2899	Chemical products, n.e.c.....	59	100.0	3.8	10.7	18.5	14.9	36.5	8.9	6.7	d
30	Rubber and miscellaneous plastics products.....	367	100.0	16.7	11.5	14.1	17.8	25.1	8.8	6.0	c
306	Miscellaneous fabricated rubber products.....	34	100.0	8.1	10.2	9.3	34.8	25.1	8.4	4.1	d
3061	Miscellaneous fabricated rubber products.....	34	100.0	8.1	10.2	9.3	34.8	25.1	8.4	4.1	d
307	Miscellaneous plastic products.....	264	100.0	21.9	11.4	12.1	14.4	25.7	8.9	5.6	e
3071	Miscellaneous plastic products.....	264	100.0	21.9	11.4	12.1	14.4	25.7	8.9	5.6	e
31	Leather and leather products.....	75	100.0	14.6	19.2	5.0	9.1	21.8	12.4	17.9	e
314	Footwear (except rubber).....	11	100.0	7.6	60.2	3.0	5.9	10.8	4.4	8.1	d
316	Luggage and handbags (all materials), and other personal leather goods.....	34	100.0	12.3	13.1	4.2	11.5	23.9	13.9	21.1	c
3161	Luggage and handbags (all materials), and other personal leather goods.....	34	100.0	12.3	13.1	4.2	11.5	23.9	13.9	21.1	c

See footnote at end of table.

TABLE 2. Percent Distribution of Commodities, by Distance of Shipment: 1967--Continued

TCC code	Commodity	Number	Percent distribution by distance of shipment								Sampling variability code ¹
			All distances	Under 100 miles	100 to 199 miles	200 to 299 miles	300 to 499 miles	500 to 999 miles	1,000 to 1,499 miles	1,500 miles or over	
	TONS OF SHIPMENTS--Continued	(thousands of tons)									
32	Stone, clay, and glass products.....	5,301	100.0	50.6	32.6	9.1	3.5	2.6	0.6	1.0	c
326	Pottery and related products.....	70	100.0	4.3	4.0	10.6	16.0	34.0	11.2	19.9	d
327	Concrete, gypsum, plaster, and plaster products.....	1,890	100.0	62.5	24.1	9.9	2.6	.1	.6	.2	d
3291	Abrasive products.....	299	100.0	11.4	13.5	27.0	28.2	16.3	2.0	1.6	d
33	Primary metal products.....	4,831	100.0	20.4	15.7	32.5	17.0	9.5	3.1	1.8	a
331	Steel works and rolling mill products..	2,679	100.0	14.5	17.0	41.6	17.2	5.1	3.6	1.0	b
3312	Primary iron and steel products (except coke-oven products).....	2,647	100.0	14.6	16.5	41.9	17.2	5.2	3.7	.9	b
332	Iron and steel castings.....	161	100.0	15.9	34.0	16.0	21.0	11.0	.6	1.5	c
3321	Iron and steel castings.....	161	100.0	15.9	34.0	16.0	21.0	11.0	.6	1.5	c
333	Nonferrous metals primary smelter products (slab, ingot, pig, etc., and residues).....	873	100.0	47.3	8.9	24.9	6.2	10.7	.3	1.7	d
3334	Primary aluminum smelter products.....	162	100.0	11.8	13.8	5.8	26.5	41.6	-	.5	b
335	Nonferrous metal basic shapes.....	860	100.0	15.0	16.1	12.5	25.8	21.1	4.9	4.6	b
3351	Copper, brass, bronze, and other copper base alloy basic shapes.....	191	100.0	20.8	17.2	16.1	17.5	23.6	2.6	2.2	b
3352	Aluminum and aluminum base alloy basic shapes (except aluminum foil).....	181	100.0	21.2	6.5	12.2	33.6	20.9	2.9	2.7	d
3356	Miscellaneous nonferrous metal basic shapes (plate, sheet, strip, rods, bars, pipe, and tubing).....	11	100.0	33.4	12.0	12.4	8.4	11.6	22.0	.2	d
3357	Nonferrous wire (including insulated wire).....	477	100.0	9.9	19.3	11.2	26.5	20.3	6.3	6.5	b
34	Fabricated metal products.....	2,365	100.0	24.4	23.7	19.1	13.4	10.3	3.6	5.5	b
342	Cutlery, hand tools, and general hardware.....	58	100.0	15.0	14.8	21.6	17.2	14.1	5.6	11.7	d
343	Plumbing fixtures and heating apparatus (except electric).....	81	100.0	2.4	24.9	27.7	26.3	10.1	4.3	4.3	d
3433	Heating equipment (except electric)....	70	100.0	1.3	24.8	31.0	29.7	8.8	.1	4.3	c
3443	Fabricated plate products (boiler shop products).....	26	100.0	8.5	6.5	38.8	18.8	7.7	14.3	5.4	c
346	Metal stampings.....	243	100.0	16.3	4.5	22.7	26.8	17.7	5.5	6.5	b
3461	Metal stampings.....	243	100.0	16.3	4.5	22.7	26.8	17.7	5.5	6.5	b
348	Miscellaneous fabricated wire products.	102	100.0	19.7	11.8	9.7	15.7	20.9	7.3	14.9	c
3481	Miscellaneous fabricated wire products.	102	100.0	19.7	11.8	9.7	15.7	20.9	7.3	14.9	c
35	Machinery, except electrical.....	1,523	100.0	7.5	12.0	16.6	12.7	22.6	14.8	13.8	c
355	Special industry machinery (except metalworking machinery).....	138	100.0	8.7	7.2	25.2	19.6	21.1	13.8	4.4	d
356	General industrial machinery and equipment.....	150	100.0	4.4	15.3	15.7	16.4	13.7	25.5	9.0	b
3561	Pumps, air and gas compressors, and measuring and dispensing pumps, also pumping equipment.....	64	100.0	.8	6.4	13.8	9.4	8.8	50.6	10.2	c
3566	Mechanical power transmission equipment, except ball and roller bearings.	13	100.0	9.0	9.5	12.4	41.5	8.9	4.0	14.7	d
3569	General industrial machinery and equipment, n.e.c.....	18	100.0	14.8	11.3	12.9	7.9	24.2	22.1	6.8	d
357	Office, computing, and accounting machines.....	119	100.0	6.2	15.1	8.8	7.9	22.6	7.3	32.1	b
3579	Miscellaneous office machines.....	33	100.0	3.4	10.0	6.2	5.3	8.9	5.3	60.9	d

See footnote at end of table.

TABLE 2. Percent Distribution of Commodities, by Distance of Shipment: 1967--Continued

TCC code	Commodity	Number	Percent distribution by distance of shipment								Sampling variability code ¹
			All distances	Under 100 miles	100 to 199 miles	200 to 299 miles	300 to 499 miles	500 to 999 miles	1,000 to 1,499 miles	1,500 miles or over	
	TONS OF SHIPMENTS--Continued	(thousands of tons)									
36	Electrical machinery and equipment.....	1,104	100.0	14.1	17.1	14.3	16.1	21.0	7.3	10.1	c
361	Electrical transmission and distribution equipment.....	6	100.0	13.2	21.6	7.6	2.8	6.2	38.4	10.2	d
3611	Electrical measuring instruments and test equipment.....	2	100.0	9.9	12.5	15.1	5.0	10.7	31.5	15.3	c
362	Electrical industrial apparatus.....	335	100.0	5.7	13.5	14.0	32.3	20.5	4.8	9.2	c
3621	Motors and generators.....	197	100.0	6.7	8.8	8.2	47.2	18.3	4.3	6.5	b
363	Household appliances.....	59	100.0	11.0	10.9	13.8	20.1	19.6	9.4	15.2	d
3634	Electric housewares and fans.....	47	100.0	9.0	8.7	16.5	19.7	19.7	10.9	15.5	d
365	Radio and television receiving sets (except communication types), phonographs, and phonograph records.....	132	100.0	21.7	12.4	18.6	7.8	22.5	9.0	8.0	c
3651	Radio and television receiving sets (except communication types), and phonographs.....	96	100.0	3.1	9.3	24.4	10.2	30.5	11.9	10.6	a
366	Communication equipment.....	18	100.0	23.9	7.1	9.7	4.6	13.3	19.9	21.5	d
3662	Radio and television transmitting, signaling, and detection equipment and apparatus.....	12	100.0	27.0	7.2	9.4	3.1	10.4	16.9	26.0	a
367	Electronic components or accessories...	77	100.0	22.2	10.6	8.7	7.6	35.4	8.2	7.3	c
3679	Miscellaneous electronic components and accessories.....	51	100.0	15.4	14.4	12.3	8.8	27.3	11.1	10.7	d
37	Transportation equipment.....	1,255	100.0	20.3	15.3	24.6	13.9	17.0	3.5	5.4	a
372	Aircraft and parts.....	28	100.0	41.7	3.0	1.0	1.0	23.2	4.7	25.4	d
3729	Aircraft parts and equipment, n.e.c....	16	100.0	7.6	.4	1.1	1.6	40.4	6.0	42.9	c
379	Miscellaneous transportation equipment.....	1	100.0	13.1	34.1	4.3	13.2	6.5	27.8	1.0	d
3799	Transportation equipment, n.e.c.....	1	100.0	13.1	34.1	4.3	13.2	6.5	27.8	1.0	d
38	Instruments, photographic goods, optical goods, watches, and clocks.....	293	100.0	3.3	2.9	32.3	8.7	30.4	7.4	15.0	b
381	Engineering, laboratory, and scientific instruments.....	1	100.0	46.9	1.3	3.3	.6	17.4	25.5	5.0	d
3811	Engineering, laboratory, and scientific instruments.....	1	100.0	46.9	1.3	3.3	.6	17.4	25.5	5.0	d
382	Measuring, controlling, and indicating instruments.....	9	100.0	9.0	2.7	30.3	10.6	35.0	7.4	5.0	c
3821	Mechanical measuring and controlling instruments (except automatic temperature controls).....	8	100.0	10.3	2.4	22.8	10.8	40.1	7.8	5.8	c
384	Surgical, medical, and dental instruments and supplies.....	16	100.0	13.3	2.6	25.4	9.8	26.5	10.7	11.7	c
386	Photographic equipment and supplies....	260	100.0	2.1	2.8	33.5	8.6	30.7	6.6	15.7	c
3861	Photographic equipment and supplies....	260	100.0	2.1	2.8	33.5	8.6	30.7	6.6	15.7	c
387	Watches, clocks, and parts, and clockwork operated devices and parts.....	4	100.0	12.0	8.2	7.6	10.4	21.8	27.6	12.4	c
3871	Watches, clocks, and parts, and clockwork operated devices and parts.....	4	100.0	12.0	8.2	7.6	10.4	21.8	27.6	12.4	c
39	Miscellaneous products of manufacturing	371	100.0	14.7	14.2	13.4	12.1	23.0	9.3	13.3	c
399	Miscellaneous manufactured products....	153	100.0	22.3	21.6	13.6	6.5	16.6	8.8	10.8	c

See footnote at end of table.

TABLE 2. Percent Distribution of Commodities, by Distance of Shipment: 1967--Continued

TCC code	Commodity	Number	Percent distribution by distance of shipment								Sampling variability code ¹
			All distances	Under 100 miles	100 to 199 miles	200 to 299 miles	300 to 499 miles	500 to 999 miles	1,000 to 1,499 miles	1,500 miles or over	
	TON-MILES OF SHIPMENTS	(millions of ton-miles)									
	New York, total.....	14,732	100.0	3.8	9.9	25.1	12.3	20.0	10.0	18.9	-
20	Food and kindred products.....	3,060	100.0	5.3	17.1	26.6	14.9	16.8	7.1	12.2	-
201	Meat, poultry, and small game; fresh, chilled or frozen.....	41	100.0	13.5	20.8	16.5	5.5	7.6	12.3	23.8	-
2013	Meat products.....	13	100.0	17.8	24.2	6.5	2.2	17.6	13.6	18.1	-
203	Canned and preserved fruits, vegetables, and seafoods.....	788	100.0	1.1	13.7	23.1	12.1	25.3	10.6	14.1	-
2033	Canned fruits and vegetables.....	330	100.0	.9	7.3	20.9	10.1	30.9	19.3	10.6	-
204	Grain mill products.....	1,071	100.0	7.1	22.8	43.0	23.2	3.5	.2	.2	-
2041	Flour and other grain mill products....	653	100.0	2.5	17.0	50.9	28.8	.5	.3	-	-
207	Confectionery and related products.....	528	100.0	.6	8.9	3.5	7.3	25.0	16.8	37.9	-
2071	Confectionery and related products.....	528	100.0	.6	8.9	3.5	7.3	25.0	16.8	37.9	-
208	Beverages and flavoring extracts.....	221	100.0	21.6	27.2	11.8	9.5	14.9	8.6	6.4	-
2082	Malt liquors.....	83	100.0	39.3	49.7	10.2	-	-	.8	-	-
2087	Miscellaneous flavoring extracts, sirups, and flavoring compounds (except chocolate sirups).....	59	100.0	3.9	7.0	10.3	25.3	27.0	11.2	15.3	-
209	Miscellaneous food preparations and kindred products.....	158	100.0	3.3	11.1	18.8	9.1	27.1	8.1	22.5	-
2099	Miscellaneous food preparations.....	130	100.0	2.3	11.4	17.1	7.5	28.4	8.5	24.8	-
22	Basic textiles.....	112	100.0	1.3	5.1	5.8	8.3	37.1	5.7	36.7	-
225	Knit fabrics.....	5	100.0	11.0	14.8	1.8	1.7	30.7	3.0	37.0	-
2251	Knit fabrics.....	5	100.0	11.0	14.8	1.8	1.7	30.7	3.0	37.0	-
23	Apparel, including knit apparel, and other finished textile products.....	245	100.0	1.1	3.2	3.5	7.6	28.3	15.2	41.1	-
231	Men's, youths', and boys' clothing.....	38	100.0	.9	3.6	6.2	10.8	26.8	16.9	34.8	-
2311	Men's, youths', and boys' clothing.....	38	100.0	.9	3.6	6.2	10.8	26.8	16.9	34.8	-
233	Women's, misses', girls', and infants' clothing.....	125	100.0	.9	2.4	1.6	5.5	24.7	17.3	47.6	-
2331	Women's, misses', girls', and infants' clothing.....	125	100.0	.9	2.4	1.6	5.5	24.7	17.3	47.6	-
235	Millinery, caps and hats.....	9	100.0	5.2	3.8	1.9	5.7	33.0	15.7	34.7	-
239	Miscellaneous fabricated textile products.....	70	100.0	1.2	4.3	5.1	9.6	34.5	10.6	34.7	-
243	Millwork and prefabricated wood products, including plywood and veneer....	64	100.0	2.6	5.0	3.1	5.5	19.8	12.2	51.8	-
244	Wooden containers.....	1	100.0	.6	13.6	12.6	2.0	8.0	3.3	59.9	-
2441	Wooden containers.....	1	100.0	.6	13.6	12.6	2.0	8.0	3.3	59.9	-
25	Furniture and fixtures.....	80	100.0	3.0	7.4	8.2	14.8	23.7	12.4	30.5	-
251	Household and office furniture.....	61	100.0	3.3	7.1	7.0	15.5	23.2	11.0	32.9	-
2519	Household and office furniture, n.e.c..	18	100.0	2.6	7.3	7.9	15.0	21.8	14.2	31.2	-
254	Partitions, shelving, lockers, and office and store fixtures.....	18	100.0	1.8	6.9	12.5	12.6	25.6	17.2	23.4	-
2541	Wood partitions, shelving, lockers, and office and store fixtures.....	10	100.0	2.0	9.9	14.2	8.7	22.5	17.1	25.6	-
2542	Metal partitions, shelving, lockers, and office and store fixtures.....	9	100.0	1.5	3.6	10.6	16.7	29.2	17.4	21.0	-
26	Pulp, paper, and allied products.....	1,420	100.0	2.5	6.8	17.9	12.1	33.2	11.8	15.7	-
262	Paper (except building paper).....	601	100.0	1.3	7.5	22.4	14.0	39.1	9.0	6.7	-
2621	Paper (except building paper).....	601	100.0	1.3	7.5	22.4	14.0	39.1	9.0	6.7	-

See footnote at end of table.

TABLE 2. Percent Distribution of Commodities, by Distance of Shipment: 1967--Continued

TCC code	Commodity	Number	Percent distribution by distance of shipment								Sampling variability code ¹
			All distances	Under 100 miles	100 to 199 miles	200 to 299 miles	300 to 499 miles	500 to 999 miles	1,000 to 1,499 miles	1,500 miles or over	
	TON-MILES OF SHIPMENTS--Continued	(millions of ton-miles)									
264	Converted paper and paperboard products (except containers and boxes).....	449	100.0	1.1	6.2	12.0	11.8	30.0	17.0	21.9	-
2645	Die-cut paper and paperboard products (including cardboard).....	91	100.0	1.5	1.4	7.1	6.1	12.8	11.8	59.3	-
2647	Sanitary paper products.....	263	100.0	.7	8.0	14.1	13.9	33.8	17.4	12.1	-
2649	Miscellaneous converted paper products and paperboard products.....	26	100.0	1.6	5.1	19.3	16.2	36.1	7.4	14.3	-
28	Chemicals and allied products.....	1,546	100.0	3.7	9.5	22.0	20.2	20.3	10.4	13.9	-
281	Industrial chemicals.....	1,010	100.0	1.2	9.6	28.8	24.6	17.6	8.4	9.8	-
2812	Basic inorganic chemical compounds (including chlorine, potassium, and sodium compounds).....	697	100.0	1.1	10.7	35.7	18.1	19.8	9.0	5.6	-
2815	Dyes and dye (cyclic) intermediates and organic pigments (lakes and toners)...	22	100.0	.6	5.8	8.6	12.4	8.0	62.9	1.7	-
2818	Miscellaneous industrial organic chemicals.....	171	100.0	.2	2.0	8.5	53.7	12.8	4.3	18.5	-
2819	Miscellaneous industrial inorganic chemicals.....	98	100.0	2.6	9.6	17.2	27.8	13.7	.8	28.3	-
282	Plastic materials and plasticizers, synthetic resins, rubbers, and fibers.	109	100.0	1.3	4.6	10.0	21.9	23.6	14.4	24.2	-
2821	Plastic materials and plasticizers, synthetic resins, rubbers, and fibers.	109	100.0	1.3	4.6	10.0	21.9	23.6	14.4	24.2	-
283	Drugs (biological products, medicinal chemicals, botanical products, and pharmaceutical preparations).....	72	100.0	1.2	1.4	2.2	3.5	24.1	16.7	50.9	-
2831	Drugs (biological products, medicinal chemicals, botanical products, and pharmaceutical preparations).....	72	100.0	1.2	1.4	2.2	3.5	24.1	16.7	50.9	-
284	Soap and detergents, cleaning preparations, perfumes, cosmetics, and other toilet preparations.....	210	100.0	1.4	7.7	12.9	12.8	29.7	17.5	18.0	-
2842	Specialty cleaning, polishing, and sanitation preparations (except soap and detergents).....	125	100.0	1.4	11.2	18.0	17.2	28.7	17.3	6.2	-
2844	Perfumes, cosmetics, and other toilet preparations.....	61	100.0	1.9	3.2	3.6	7.8	30.3	22.2	31.0	-
285	Paints, varnishes, lacquers, enamels, and allied products.....	31	100.0	6.9	10.3	14.7	7.6	45.6	7.7	7.2	-
2851	Paints, varnishes, lacquers, enamels, and allied products.....	31	100.0	6.9	10.3	14.7	7.6	45.6	7.7	7.2	-
289	Miscellaneous chemical products.....	50	100.0	2.1	9.5	11.8	13.1	30.1	14.6	18.8	-
2899	Chemical products, n.e.c.....	35	100.0	.2	2.1	7.6	9.8	37.9	17.7	24.7	-
30	Rubber and miscellaneous plastics products.....	195	100.0	.9	3.3	6.8	13.2	32.0	19.0	24.8	-
306	Miscellaneous fabricated rubber products.....	19	100.0	.9	2.5	4.5	25.1	31.7	19.5	15.8	-
3061	Miscellaneous fabricated rubber products.....	19	100.0	.9	2.5	4.5	25.1	31.7	19.5	15.8	-
307	Miscellaneous plastic products.....	133	100.0	1.2	3.6	6.1	11.3	33.1	20.0	24.7	-
3071	Miscellaneous plastic products.....	133	100.0	1.2	3.6	6.1	11.3	33.1	20.0	24.7	-
31	Leather and leather products.....	61	100.0	.9	4.0	1.6	4.6	19.9	18.7	50.3	-
314	Footwear (except rubber).....	5	100.0	.7	23.2	1.6	5.4	16.5	11.3	41.3	-
316	Luggage and handbags (all materials), and other personal leather goods.....	30	100.0	.7	2.4	1.1	5.3	19.7	18.5	52.3	-
3161	Luggage and handbags (all materials), and other personal leather goods.....	30	100.0	.7	2.4	1.1	5.3	19.7	18.5	52.3	-

See footnote at end of table.

TABLE 2. Percent Distribution of Commodities, by Distance of Shipment: 1967--Continued

TCC code	Commodity	Number	Percent distribution by distance of shipment								Sampling variability code ¹
			All distances	Under 100 miles	100 to 199 miles	200 to 299 miles	300 to 499 miles	500 to 999 miles	1,000 to 1,499 miles	1,500 miles or over	
	TON-MILES OF SHIPMENTS--Continued	(millions of ton-miles)									
32	Stone, clay, and glass products.....	842	100.0	18.7	29.1	14.1	8.5	11.8	4.4	13.4	-
326	Pottery and related products.....	67	100.0	.3	.6	2.6	6.9	23.9	14.4	51.3	-
327	Concrete, gypsum, plaster, and plaster products.....	207	100.0	27.0	31.1	22.0	8.8	.6	7.2	3.3	-
3291	Abrasive products.....	111	100.0	.6	5.8	18.7	29.3	31.0	6.5	8.1	-
33	Primary metal products.....	1,563	100.0	2.7	7.9	24.7	20.5	20.1	11.5	12.6	-
331	Steel works and rolling mill products..	805	100.0	2.1	9.5	33.2	22.2	11.7	14.4	6.9	-
3312	Primary iron and steel products (except coke-oven products).....	794	100.0	2.1	9.2	33.6	22.2	11.8	14.5	6.6	-
332	Iron and steel castings.....	48	100.0	2.4	17.6	14.2	27.0	26.2	2.0	10.6	-
3321	Iron and steel castings.....	48	100.0	2.4	17.6	14.2	27.0	26.2	2.0	10.6	-
333	Nonferrous metals primary smelter products (slab, ingot, pig, etc., and residues).....	202	100.0	8.0	5.9	27.9	10.2	30.9	1.6	15.5	-
3334	Primary aluminum smelter products.....	70	100.0	1.9	4.2	3.7	23.4	64.0	-	2.8	-
335	Nonferrous metal basic shapes.....	421	100.0	1.7	5.3	6.5	21.2	30.1	12.2	23.0	-
3351	Copper, brass, bronze, and other copper base alloy basic shapes.....	74	100.0	3.2	7.2	10.4	16.9	41.3	7.2	13.8	-
3352	Aluminum and aluminum base alloy basic shapes (except aluminum foil).....	80	100.0	3.2	2.0	7.3	29.4	35.5	7.7	14.9	-
3356	Miscellaneous nonferrous metal basic shapes (plate, sheet, strip, rods, bars, pipe, and tubing).....	4	100.0	3.0	5.5	6.4	7.1	17.7	59.0	1.3	-
3357	Nonferrous wire (including insulated wire).....	262	100.0	.8	5.8	5.1	20.1	25.3	14.3	28.6	-
34	Fabricated metal products.....	913	100.0	3.2	9.4	12.9	13.8	19.6	11.1	30.0	-
342	Cutlery, hand tools, and general hardware.....	34	100.0	1.1	3.8	8.9	12.3	17.7	11.1	45.1	-
343	Plumbing fixtures and heating apparatus (except electric).....	34	100.0	.4	9.4	16.9	23.7	15.7	12.0	21.9	-
3433	Heating equipment (except electric)....	27	100.0	.2	10.5	20.9	29.5	14.6	.3	24.0	-
3443	Fabricated plate products (boiler shop products).....	13	100.0	.6	1.8	17.7	14.9	11.9	35.1	18.0	-
346	Metal stampings.....	126	100.0	1.0	1.6	11.5	23.4	24.6	12.5	25.4	-
3461	Metal stampings.....	126	100.0	1.0	1.6	11.5	23.4	24.6	12.5	25.4	-
348	Miscellaneous fabricated wire products.	73	100.0	1.3	2.7	3.5	8.7	21.9	14.0	47.9	-
3481	Miscellaneous fabricated wire products.	73	100.0	1.3	2.7	3.5	8.7	21.9	14.0	47.9	-
35	Machinery, except electrical.....	1,168	100.0	.5	2.5	5.4	6.4	21.0	23.1	41.1	-
355	Special industry machinery (except metalworking machinery).....	80	100.0	.6	1.8	11.0	12.5	26.3	29.6	18.2	-
356	General industrial machinery and equipment.....	112	100.0	.3	3.1	5.3	8.1	13.4	43.7	26.1	-
3561	Pumps, air and gas compressors, and measuring and dispensing pumps, also pumping equipment.....	67	100.0	.1	.8	3.3	3.4	7.0	63.2	22.2	-
3566	Mechanical power transmission equipment, except ball and roller bearings.	8	100.0	.7	2.4	4.8	23.8	10.5	7.6	50.2	-
3569	General industrial machinery and equipment, n.e.c.....	11	100.0	.7	2.7	5.1	4.5	25.3	39.5	22.2	-
357	Office, computing, and accounting machines.....	133	100.0	.3	1.9	1.9	2.8	14.3	8.1	70.7	-
3579	Miscellaneous office machines.....	57	100.0	.1	.8	.8	1.3	4.0	3.8	89.2	-

See footnote at end of table.

TABLE 2. Percent Distribution of Commodities, by Distance of Shipment: 1967--Continued

TCC code	Commodity	Number	Percent distribution by distance of shipment								Sampling variability code ¹
			All distances	Under 100 miles	100 to 199 miles	200 to 299 miles	300 to 499 miles	500 to 999 miles	1,000 to 1,499 miles	1,500 miles or over	
	TON-MILES OF SHIPMENTS--Continued	(millions of ton-miles)									
36	Electrical machinery and equipment.....	655	100.0	1.2	4.4	5.9	11.2	25.3	14.8	37.2	-
361	Electrical transmission and distribution equipment.....	5	100.0	.7	3.9	2.4	1.3	4.8	56.5	30.4	-
3611	Electrical measuring instruments and test equipment.....	2	100.0	.3	1.5	4.4	2.2	7.7	44.5	39.4	-
362	Electrical industrial apparatus.....	199	100.0	.5	3.6	6.0	23.3	25.1	10.1	31.4	-
3621	Motors and generators.....	114	100.0	.7	2.3	3.5	35.2	23.7	8.9	25.7	-
363	Household appliances.....	44	100.0	.7	2.4	4.9	11.0	19.2	15.5	46.3	-
3634	Electric housewares and fans.....	36	100.0	.5	1.9	5.7	10.7	18.4	17.4	45.4	-
365	Radio and television receiving sets (except communication types), phonographs, and phonograph records.....	74	100.0	1.2	3.8	8.8	5.3	29.9	19.2	31.8	-
3651	Radio and television receiving sets (except communication types), and phonographs.....	70	100.0	.1	2.3	8.9	5.3	31.2	19.6	32.6	-
366	Communication equipment.....	16	100.0	1.4	1.4	2.8	2.0	11.6	25.9	54.9	-
3662	Radio and television transmitting, signaling, and detection equipment and apparatus.....	12	100.0	1.7	1.3	2.5	1.3	8.9	21.1	63.2	-
367	Electronic components or accessories...	45	100.0	2.1	2.9	3.5	5.1	41.8	17.4	27.2	-
3679	Miscellaneous electronic components and accessories.....	34	100.0	1.5	3.4	4.5	5.5	28.3	21.1	35.7	-
37	Transportation equipment.....	537	100.0	2.0	5.5	15.0	11.9	27.5	9.9	28.2	-
372	Aircraft and parts.....	23	100.0	1.7	.7	.3	.4	23.8	6.8	66.3	-
3729	Aircraft parts and equipment, n.e.c....	22	100.0	.2	.1	.2	.4	25.3	5.3	68.5	-
379	Miscellaneous transportation equipment.	-	-	-	-	-	-	-	-	-	-
3799	Transportation equipment, n.e.c.....	-	-	-	-	-	-	-	-	-	-
38	Instruments, photographic goods, optical goods, watches, and clocks.....	214	100.0	.2	.6	11.0	4.1	24.8	12.5	46.8	-
381	Engineering, laboratory, and scientific instruments.....	1	100.0	1.6	.3	1.4	.3	20.2	56.5	19.7	-
3811	Engineering, laboratory, and scientific instruments.....	1	100.0	1.6	.3	1.4	.3	20.2	56.5	19.7	-
382	Measuring, controlling, and indicating instruments.....	5	100.0	.8	.8	13.6	6.4	41.3	16.5	20.6	-
3821	Mechanical measuring and controlling instruments (except automatic temperature controls).....	5	100.0	.8	.7	9.6	6.0	44.5	16.2	22.2	-
384	Surgical, medical, and dental instruments and supplies.....	11	100.0	.4	.6	9.9	5.7	28.9	18.0	36.5	-
386	Photographic equipment and supplies....	192	100.0	.2	.6	11.2	4.0	24.2	11.3	48.5	-
3861	Photographic equipment and supplies....	192	100.0	.2	.6	11.2	4.0	24.2	11.3	48.5	-
387	Watches, clocks, and parts, and clock-work operated devices and parts.....	4	100.0	.7	1.6	2.3	5.5	19.1	38.0	32.9	-
3871	Watches, clocks, and parts, and clock-work operated devices and parts.....	4	100.0	.7	1.6	2.3	5.5	19.1	38.0	32.9	-
39	Miscellaneous products of manufacturing	254	100.0	.9	3.2	4.6	7.4	23.7	15.8	44.4	-
399	Miscellaneous manufactured products....	85	100.0	1.7	5.8	5.6	4.9	20.4	17.4	44.2	-

¹Code letter indicates a sampling variability range as follows: a, 0-9 percent; b, 10-19 percent; c, 20-29 percent; and d, 30-50 percent. The variability for ton-miles has not been estimated.

TABLE 3. Percent Distribution of Commodities, by Geographic Division of Destination: 1967

TCC code	Commodity	Number	Percent distribution by geographic division ¹ of destination										Sampling variability code ³
			All means of transport	New England	Middle Atlantic	East North Central	West North Central	South Atlantic	East South Central	West South Central	Mountain	Pacific ²	
	TONS OF SHIPMENTS	(thous. of tons)											
	New York, total.....	47,118	100.0	12.6	47.3	25.6	2.0	6.4	1.8	1.7	0.5	2.1	-
20	Food and kindred products.....	12,096	100.0	18.0	64.0	7.9	1.0	6.3	.7	.8	.1	1.2	b
201	Meat, poultry, and small game; fresh, chilled or frozen.....	220	100.0	10.3	77.9	2.3	.5	6.6	-	.6	.2	1.6	c
2013	Meat products.....	80	100.0	13.2	76.8	1.4	.5	6.3	-	.6	-	1.2	b
203	Canned and preserved fruits, vegetables, and seafoods.....	2,288	100.0	22.4	45.8	16.4	2.3	8.5	1.6	.9	.1	2.0	b
2033	Canned fruits and vegetables.....	801	100.0	7.4	49.0	18.7	4.5	13.5	3.0	2.0	.2	1.7	d
204	Grain mill products.....	5,465	100.0	19.3	74.4	3.1	.2	2.7	.3	-	-	-	d
2041	Flour and other grain mill products...	2,831	100.0	23.8	70.8	1.9	.1	3.4	-	-	-	-	d
207	Confectionery and related products....	878	100.0	26.2	24.2	17.4	3.0	11.8	1.1	6.7	.6	9.0	b
2071	Confectionery and related products....	878	100.0	26.2	24.2	17.4	3.0	11.8	1.1	6.7	.6	9.0	b
208	Beverages and flavoring extracts.....	1,637	100.0	15.6	73.7	2.2	.9	6.6	.4	.2	.1	.3	b
2082	Malt liquors.....	913	100.0	23.1	72.3	-	-	4.6	-	-	-	-	b
2087	Miscellaneous flavoring extracts, sirups, and flavoring compounds (except chocolate syrups).....	173	100.0	7.0	47.6	12.1	5.2	23.9	.7	1.1	.8	1.6	c
209	Miscellaneous food preparations and kindred products.....	438	100.0	7.8	53.6	15.5	2.9	11.3	4.0	1.2	.3	3.4	c
2099	Miscellaneous food preparations.....	328	100.0	8.2	47.0	18.7	3.9	12.1	4.0	1.7	.1	4.3	c
22	Basic textiles.....	217	100.0	13.8	32.8	14.9	2.0	24.4	2.2	3.2	1.0	5.7	d
225	Knit fabrics.....	18	100.0	3.6	77.0	2.0	4.0	8.5	.1	.4	.5	3.9	d
2251	Knit fabrics.....	18	100.0	3.6	77.0	2.0	4.0	8.5	.1	.4	.5	3.9	d
23	Apparel, including knit apparel, and other finished textile products.....	360	100.0	7.8	25.9	23.3	6.9	17.6	3.1	4.2	2.4	8.8	b
231	Men's, youths', and boys' clothing....	62	100.0	10.3	24.9	28.3	3.9	15.1	2.7	5.8	1.2	7.8	d
2311	Men's, youths', and boys' clothing....	62	100.0	10.3	24.9	28.3	3.9	15.1	2.7	5.8	1.2	7.8	d
233	Women's, misses', girls', and infants' clothing.....	153	100.0	7.3	21.1	24.9	10.0	14.3	2.5	4.3	3.1	12.5	c
2331	Women's, misses', girls', and infants' clothing.....	153	100.0	7.3	21.1	24.9	10.0	14.3	2.5	4.3	3.1	12.5	c
235	Millinery, caps and hats.....	18	100.0	8.6	50.4	18.2	1.1	7.0	4.1	4.2	.6	5.8	d
239	Miscellaneous fabricated textile products.....	122	100.0	7.1	28.1	19.1	5.4	25.0	4.1	3.4	2.4	5.4	d
243	Millwork and prefabricated wood products, including plywood and veneer...	118	100.0	7.4	50.7	9.4	3.1	13.9	.8	2.7	.4	11.6	d
244	Wooden containers.....	1	100.0	1.1	71.5	7.8	2.1	4.0	1.1	-	3.2	9.2	d
2441	Wooden containers.....	1	100.0	1.1	71.5	7.8	2.1	4.0	1.1	-	3.2	9.2	d
25	Furniture and fixtures.....	182	100.0	12.4	45.3	14.7	2.2	13.8	2.3	3.7	.6	5.0	c
251	Household and office furniture.....	137	100.0	12.8	45.9	16.0	2.1	11.0	2.2	3.7	.4	5.9	d
2519	Household and office furniture, n.e.c.	43	100.0	18.8	37.6	19.3	3.5	11.7	1.7	1.4	1.0	5.0	d
254	Partitions, shelving, lockers, and office and store fixtures.....	42	100.0	12.0	39.1	11.5	2.8	24.2	2.7	4.0	1.4	2.3	d
2541	Wood partitions, shelving, lockers, and office and store fixtures.....	23	100.0	9.3	52.3	13.9	1.2	11.2	3.4	5.5	1.0	2.2	d
2542	Metal partitions, shelving, lockers, and office and store fixtures.....	19	100.0	15.1	23.6	8.7	4.8	39.7	1.9	2.1	1.7	2.4	d
26	Pulp, paper, and allied products.....	3,722	100.0	12.5	52.4	17.8	2.7	7.1	3.3	1.8	.8	1.6	b
262	Paper (except building paper).....	1,542	100.0	19.9	44.4	20.7	2.9	6.5	3.4	1.0	.3	.9	c
2621	Paper (except building paper).....	1,542	100.0	19.9	44.4	20.7	2.9	6.5	3.4	1.0	.3	.9	c

See footnotes at end of table.

TABLE 3. Percent Distribution of Commodities, by Geographic Division of Destination: 1967--Continued

TCC code	Commodity	Number	Percent distribution by geographic division ¹ of destination										Sampling variability code ³
			All means of transport	New England	Middle Atlantic	East North Central	West North Central	South Atlantic	East South Central	West South Central	Mountain	Pacific ²	
	TONS OF SHIPMENTS--Continued	(thous. of tons)											
264	Converted paper and paperboard products (except containers and boxes)....	902	100.0	11.8	38.2	20.8	3.4	10.6	6.5	4.6	2.6	1.5	c
2645	Die-cut paper and paperboard products (including cardboard).....	121	100.0	5.6	37.3	18.9	1.8	7.7	1.3	5.9	15.7	5.8	d
2647	Sanitary paper products.....	575	100.0	13.3	37.7	20.9	2.3	10.3	8.7	5.6	.7	.5	d
2649	Miscellaneous converted paper products and paperboard products.....	64	100.0	10.0	44.4	32.2	3.0	6.5	.7	1.2	.1	1.9	c
28	Chemicals and allied products.....	5,152	100.0	11.4	58.3	12.4	2.2	10.4	2.2	1.5	.2	1.4	b
281	Industrial chemicals.....	3,047	100.0	15.6	51.3	13.2	2.6	11.7	2.8	1.4	.3	1.1	b
2812	Basic inorganic chemical compounds (including chlorine, potassium, and sodium compounds).....	2,194	100.0	19.3	54.9	9.4	3.3	10.8	.5	1.2	.1	.5	b
2815	Dyes and dye (cyclic) intermediates and organic pigments (lakes and toners)...	37	100.0	16.0	38.0	14.1	1.2	5.1	.2	25.0	-	.4	d
2818	Miscellaneous industrial organic chemicals.....	391	100.0	1.1	33.3	34.8	1.0	15.1	9.5	1.6	.2	3.4	d
2819	Miscellaneous industrial inorganic chemicals.....	296	100.0	6.3	53.0	17.0	-	6.5	12.4	.1	1.7	3.0	c
282	Plastic materials and plasticizers, synthetic resins, rubbers, and fibers.	243	100.0	8.6	40.0	23.7	6.0	7.5	8.0	2.3	.2	3.7	c
2821	Plastic materials and plasticizers, synthetic resins, rubbers, and fibers.	243	100.0	8.6	40.0	23.7	6.0	7.5	8.0	2.3	.2	3.7	c
283	Drugs (biological products, medicinal chemicals, botanical products, and pharmaceutical preparations).....	88	100.0	4.4	33.4	18.1	4.4	14.4	1.7	6.7	.5	16.4	b
2831	Drugs (biological products, medicinal chemicals, botanical products, and pharmaceutical preparations).....	88	100.0	4.4	33.4	18.1	4.4	14.4	1.7	6.7	.5	16.4	b
284	Soap and detergents, cleaning preparations, perfumes, cosmetics, and other toilet preparations.....	481	100.0	11.6	29.6	22.2	1.9	27.8	.9	3.4	.4	2.2	c
2842	Specialty cleaning, polishing, and sanitation preparations (except soap and detergents).....	342	100.0	13.6	28.7	21.8	.6	31.8	.1	3.1	.1	.2	d
2844	Perfumes, cosmetics, and other toilet preparations.....	110	100.0	4.2	35.1	21.0	5.2	18.9	3.4	5.3	1.6	5.3	b
285	Paints, varnishes, lacquers, enamels, and allied products.....	102	100.0	16.6	50.3	20.4	2.5	7.0	1.2	1.1	.1	.8	d
2851	Paints, varnishes, lacquers, enamels, and allied products.....	102	100.0	16.6	50.3	20.4	2.5	7.0	1.2	1.1	.1	.8	d
289	Miscellaneous chemical products.....	130	100.0	11.1	48.0	23.9	.4	6.2	2.7	4.5	-	3.2	d
2899	Chemical products, n.e.c.....	59	100.0	12.0	23.4	41.3	.3	3.1	4.4	8.8	-	6.7	d
30	Rubber and miscellaneous plastics products.....	367	100.0	11.5	31.3	18.9	3.9	16.2	6.0	6.9	.7	4.6	b
306	Miscellaneous fabricated rubber products.....	34	100.0	12.3	14.7	24.0	3.2	28.1	7.3	2.8	5.0	2.6	d
3061	Miscellaneous fabricated rubber products.....	34	100.0	12.3	14.7	24.0	3.2	28.1	7.3	2.8	5.0	2.6	d
307	Miscellaneous plastic products.....	264	100.0	13.2	33.4	19.4	2.3	14.7	5.0	7.6	.4	4.0	c
3071	Miscellaneous plastic products.....	264	100.0	13.2	33.4	19.4	2.3	14.7	5.0	7.6	.4	4.0	c
31	Leather and leather products.....	75	100.0	13.2	23.8	16.9	6.4	11.8	3.3	8.2	3.0	12.5	b
314	Footwear (except rubber).....	11	100.0	48.3	19.0	7.4	1.5	10.3	2.0	3.8	-	7.7	d
316	Luggage and handbags (all materials), and other personal leather goods.....	34	100.0	8.4	20.7	21.1	5.0	14.2	3.4	7.0	6.3	13.0	c
3161	Luggage and handbags (all materials), and other personal leather goods.....	34	100.0	8.4	20.7	21.1	5.0	14.2	3.4	7.0	6.3	13.0	c

See footnotes at end of table.

TABLE 3. Percent Distribution of Commodities, by Geographic Division of Destination: 1967--Continued

TCC code	Commodity	Number	Percent distribution by geographic division ¹ of destination										Sampling variability code ³
			All means of transport	New England	Middle Atlantic	East North Central	West North Central	South Atlantic	East South Central	West South Central	Mountain	Pacific ²	
	TONS OF SHIPMENTS--Continued	(thous. of tons)											
32	Stone, clay, and glass products.....	5,301	100.0	29.6	61.7	3.9	0.4	2.1	0.7	0.7	0.3	0.6	c
326	Pottery and related products.....	70	100.0	1.1	17.3	24.7	10.5	16.0	.9	9.6	.2	19.7	d
327	Concrete, gypsum, plaster, and plaster products.....	1,890	100.0	2.3	93.4	2.1	-	1.6	-	.4	.2	-	d
3291	Abrasive products.....	299	100.0	14.1	37.7	29.9	3.7	7.9	2.8	3.0	.1	.8	d
33	Primary metal products.....	4,831	100.0	9.1	38.8	39.7	2.6	3.0	2.3	2.3	.7	1.5	a
331	Steel works and rolling mill products.	2,679	100.0	6.1	31.2	53.1	3.4	.4	1.1	3.3	.5	.9	b
3312	Primary iron and steel products (except coke-oven products).....	2,647	100.0	6.0	30.9	53.6	3.4	.4	1.1	3.1	.6	.9	b
332	Iron and steel castings.....	161	100.0	3.2	54.7	25.6	5.5	5.0	4.0	.6	-	1.4	c
3321	Iron and steel castings.....	161	100.0	3.2	54.7	25.6	5.5	5.0	4.0	.6	-	1.4	c
333	Nonferrous metals primary smelter products (slab, ingot, pig, etc., and residues).....	873	100.0	16.9	65.3	11.4	-	3.5	.9	.3	1.6	.1	d
3334	Primary aluminum smelter products....	162	100.0	.8	45.0	41.0	.2	7.8	4.7	-	-	.5	b
335	Nonferrous metal basic shapes.....	860	100.0	11.9	33.0	28.1	2.7	9.5	7.3	2.4	.6	4.5	b
3351	Copper, brass, bronze, and other copper base alloy basic shapes.....	191	100.0	12.9	39.2	26.2	2.3	11.2	5.6	.4	-	2.2	b
3352	Aluminum and aluminum base alloy basic shapes (except aluminum foil).....	181	100.0	10.5	44.6	30.6	.9	2.1	8.1	.5	-	2.7	d
3356	Miscellaneous nonferrous metal basic shapes (plate, sheet, strip, rods, bars, pipe, and tubing).....	11	100.0	21.0	38.4	5.6	-	33.7	.8	.3	-	.2	d
3357	Nonferrous wire (including insulated wire).....	477	100.0	11.9	26.0	28.5	3.6	11.1	7.8	3.9	1.0	6.2	b
34	Fabricated metal products.....	2,365	100.0	8.4	45.6	21.3	5.0	9.0	1.7	3.6	1.9	3.5	b
342	Cutlery, hand tools, and general hardware.....	58	100.0	10.9	41.3	23.6	4.2	4.9	1.3	2.5	.5	10.7	d
343	Plumbing fixtures and heating apparatus (except electric).....	81	100.0	36.7	22.0	9.8	2.9	22.3	1.0	1.0	1.0	3.3	d
3433	Heating equipment (except electric)...	70	100.0	39.4	22.5	10.1	3.1	20.0	.6	-	.9	3.4	c
3443	Fabricated plate products (boiler shop products).....	26	100.0	4.5	18.7	40.0	4.4	11.0	3.0	9.2	8.4	.8	c
346	Metal stampings.....	243	100.0	1.3	26.6	31.1	9.2	11.3	9.6	4.9	1.5	4.5	b
3461	Metal stampings.....	243	100.0	1.3	26.6	31.1	9.2	11.3	9.6	4.9	1.5	4.5	b
348	Miscellaneous fabricated wire products	102	100.0	6.5	33.6	20.7	6.9	8.4	1.8	7.4	1.9	12.8	c
3481	Miscellaneous fabricated wire products	102	100.0	6.5	33.6	20.7	6.9	8.4	1.8	7.4	1.9	12.8	c
35	Machinery, except electrical.....	1,523	100.0	6.9	23.3	23.7	8.2	11.8	3.9	9.8	1.0	11.4	c
355	Special industry machinery (except metalworking machinery).....	138	100.0	9.4	22.8	20.2	4.2	22.6	6.1	11.3	.8	2.6	d
356	General industrial machinery and equipment.....	150	100.0	4.9	24.5	20.9	8.1	7.6	3.9	21.2	1.6	7.3	b
3561	Pumps, air and gas compressors, and measuring and dispensing pumps, also pumping equipment.....	64	100.0	6.1	15.3	7.3	12.5	3.8	5.3	38.5	2.6	8.6	c
3566	Mechanical power transmission equipment, except ball and roller bearings	13	100.0	2.2	26.9	44.1	4.8	1.7	2.4	3.6	1.6	12.7	d
3569	General industrial machinery and equipment, n.e.c.....	18	100.0	4.8	29.1	10.2	1.6	18.9	8.3	21.3	2.3	3.5	d
357	Office, computing, and accounting machines.....	119	100.0	4.5	22.0	21.1	5.1	8.5	1.2	5.5	4.6	27.5	b
3579	Miscellaneous office machines.....	33	100.0	3.4	14.9	6.6	4.2	5.7	1.9	2.5	.8	60.0	d

See footnotes at end of table.

TABLE 3. Percent Distribution of Commodities, by Geographic Division of Destination: 1967--Continued

TCC code	Commodity	Number	Percent distribution by geographic division ¹ of destination										Sampling variability code ³
			All means of transport	New England	Middle Atlantic	East North Central	West North Central	South Atlantic	East South Central	West South Central	Mountain	Pacific ²	
	TONS OF SHIPMENTS--Continued	(thous. of tons)											
36	Electrical machinery and equipment.....	1,104	100.0	4.7	31.5	24.8	5.1	13.9	5.1	5.1	2.6	7.2	c
361	Electrical transmission and distribution equipment.....	6	100.0	15.2	26.8	4.0	.9	7.2	2.9	32.9	3.7	6.4	d
3611	Electrical measuring instruments and test equipment.....	2	100.0	2.0	35.6	6.8	.4	14.7	1.7	23.5	6.2	9.1	d
362	Electrical industrial apparatus.....	335	100.0	1.0	22.5	42.6	7.6	3.3	10.6	3.2	4.8	4.4	c
3621	Motors and generators.....	197	100.0	.7	25.2	48.0	1.0	2.2	14.8	1.7	.2	6.2	b
363	Household appliances.....	59	100.0	7.6	26.3	25.0	3.0	15.1	1.7	7.1	1.3	12.9	d
3634	Electric housewares and fans.....	47	100.0	8.0	23.6	24.9	3.7	16.0	1.6	7.9	1.6	12.7	d
365	Radio and television receiving sets (except communication types), phonographs, and phonograph records.....	132	100.0	8.9	40.0	13.2	9.3	12.2	4.5	4.0	1.4	6.5	c
3651	Radio and television receiving sets (except communication types), and phonographs.....	96	100.0	11.6	20.3	17.4	12.7	16.2	6.0	5.3	1.9	8.6	a
366	Communication equipment.....	18	100.0	6.2	33.2	7.1	4.2	10.0	1.1	17.3	2.7	18.2	d
3662	Radio and television transmitting, signaling, and detection equipment and apparatus.....	12	100.0	6.1	35.9	4.8	2.3	9.2	.4	15.3	3.1	22.9	d
367	Electronic components or accessories...	77	100.0	9.4	31.8	23.0	5.8	9.3	3.5	8.9	3.9	4.4	c
3679	Miscellaneous electronic components and accessories.....	51	100.0	13.8	27.7	20.3	7.2	9.3	2.0	7.5	5.8	6.4	d
37	Transportation equipment.....	1,255	100.0	8.0	34.8	27.9	6.6	13.2	.9	3.3	-	5.3	a
372	Aircraft and parts.....	28	100.0	5.9	39.6	.5	17.3	6.5	.8	4.6	.1	24.7	d
3729	Aircraft parts and equipment, n.e.c....	16	100.0	.2	8.7	.7	30.1	11.3	1.4	4.7	.1	42.8	c
379	Miscellaneous transportation equipment.	1	100.0	4.8	46.5	4.6	3.5	14.5	1.3	23.8	-	1.0	d
3799	Transportation equipment, n.e.c.....	1	100.0	4.8	46.5	4.6	3.5	14.5	1.3	23.8	-	1.0	d
38	Instruments, photographic goods, optical goods, watches, and clocks.....	293	100.0	7.6	30.7	27.2	1.5	9.8	1.5	6.8	.6	14.3	b
381	Engineering, laboratory, and scientific instruments.....	1	100.0	.2	50.4	11.9	4.6	2.9	.5	24.6	1.1	3.8	d
3811	Engineering, laboratory, and scientific instruments.....	1	100.0	.2	50.4	11.9	4.6	2.9	.5	24.6	1.1	3.8	d
382	Measuring, controlling, and indicating instruments.....	9	100.0	14.5	22.4	26.5	5.2	6.1	14.4	6.1	.4	4.4	d
3821	Mechanical measuring and controlling instruments (except automatic temperature controls).....	8	100.0	16.6	25.7	16.6	6.0	7.0	16.5	6.1	.5	5.0	d
384	Surgical, medical, and dental instruments and supplies.....	16	100.0	4.2	37.9	15.1	12.3	8.9	3.0	7.0	1.6	10.0	d
386	Photographic equipment and supplies....	260	100.0	7.6	30.7	28.2	.5	10.0	1.0	6.3	.6	15.1	b
3861	Photographic equipment and supplies....	260	100.0	7.6	30.7	28.2	.5	10.0	1.0	6.3	.6	15.1	b
387	Watches, clocks, and parts, and clock-work operated devices and parts.....	4	100.0	9.4	15.7	21.1	8.0	11.7	1.9	23.2	1.7	7.3	d
3871	Watches, clocks, and parts, and clock-work operated devices and parts.....	4	100.0	9.4	15.7	21.1	8.0	11.7	1.9	23.2	1.7	7.3	d
39	Miscellaneous products of manufacturing.....	371	100.0	6.2	26.6	26.1	6.8	15.4	3.6	2.7	2.7	9.9	c
399	Miscellaneous manufactured products....	153	100.0	8.4	36.6	17.8	5.1	15.6	4.2	2.8	.8	8.7	d

See footnotes at end of table.

TABLE 3. Percent Distribution of Commodities, by Geographic Division of Destination: 1967--Continued

TCC code	Commodity	Number	Percent distribution by geographic division ¹ of destination										Sampling variability code ³
			All means of transport	New England	Middle Atlantic	East North Central	West North Central	South Atlantic	East South Central	West South Central	Mountain	Pacific ²	
	TON-MILES OF SHIPMENTS	(millions of ton-miles)											
	New York, total.....	14,732	100.0	8.3	20.2	26.7	5.7	9.6	4.1	7.1	2.7	15.6	-
20	Food and kindred products.....	3,060	100.0	16.5	37.0	13.3	3.5	11.4	2.0	4.0	.6	11.7	-
201	Meat, poultry, and small game; fresh, chilled or frozen.....	41	100.0	8.4	38.1	6.6	2.6	16.5	-	4.0	2.1	21.7	-
2013	Meat products.....	13	100.0	7.7	37.8	5.7	2.9	22.8	-	5.0	-	18.1	-
203	Canned and preserved fruits, vegetables, and seafoods.....	788	100.0	13.9	23.4	19.7	5.7	16.7	3.1	3.4	.5	13.6	-
2033	Canned fruits and vegetables.....	330	100.0	5.6	21.7	19.7	9.6	21.7	5.2	6.1	1.1	9.3	-
204	Grain mill products.....	1,071	100.0	27.9	60.9	4.9	1.0	4.2	.9	-	-	.2	-
2041	Flour and other grain mill products....	653	100.0	34.3	59.1	2.0	.3	4.3	-	-	-	-	-
207	Confectionery and related products.....	528	100.0	7.4	5.6	14.0	4.6	14.1	1.3	14.6	1.6	36.8	-
2071	Confectionery and related products.....	528	100.0	7.4	5.6	14.0	4.6	14.1	1.3	14.6	1.6	36.8	-
208	Beverages and flavoring extracts.....	221	100.0	15.3	42.3	6.9	5.1	18.8	2.7	2.8	1.6	4.5	-
2082	Malt liquors.....	83	100.0	29.6	61.2	-	-	9.2	-	-	-	-	-
2087	Miscellaneous flavoring extracts, sirups, and flavoring compounds (except chocolate sirups).....	59	100.0	3.7	17.8	14.4	12.0	31.3	1.7	4.3	3.9	10.9	-
209	Miscellaneous food preparations and kindred products.....	158	100.0	5.4	22.8	18.1	7.6	10.9	8.2	4.1	1.5	21.4	-
2099	Miscellaneous food preparations.....	130	100.0	5.8	18.6	19.6	9.2	9.6	7.4	5.0	.2	24.6	-
22	Basic textiles.....	112	100.0	4.6	7.8	16.0	3.7	25.2	2.7	9.4	3.7	26.9	-
225	Knit fabrics.....	5	100.0	2.0	24.1	4.2	12.8	17.7	.3	1.9	3.7	33.3	-
2251	Knit fabrics.....	5	100.0	2.0	24.1	4.2	12.8	17.7	.3	1.9	3.7	33.3	-
23	Apparel, including knit apparel, and other finished textile products.....	245	100.0	1.8	4.6	20.3	10.3	12.3	3.5	8.7	6.5	32.0	-
231	Men's, youths', and boys' clothing.....	38	100.0	2.6	6.0	26.7	6.3	8.9	3.2	12.3	3.7	30.3	-
2311	Men's, youths', and boys' clothing.....	38	100.0	2.6	6.0	26.7	6.3	8.9	3.2	12.3	3.7	30.3	-
233	Women's, misses', girls', and infants' clothing.....	125	100.0	1.5	2.7	19.1	12.9	9.0	2.3	7.6	6.9	38.0	-
2331	Women's, misses', girls', and infants' clothing.....	125	100.0	1.5	2.7	19.1	12.9	9.0	2.3	7.6	6.9	38.0	-
235	Millinery, caps and hats.....	9	100.0	2.9	8.6	25.8	2.4	7.2	7.8	12.0	2.6	30.7	-
239	Miscellaneous fabricated textile products.....	70	100.0	1.7	6.0	17.7	8.9	20.8	5.2	8.3	8.0	23.4	-
243	Millwork and prefabricated wood products, including plywood and veneer....	64	100.0	1.3	7.9	10.2	6.1	14.9	1.5	6.5	1.1	50.5	-
244	Wooden containers.....	1	100.0	.4	22.9	6.1	5.0	4.1	1.7	-	11.7	48.1	-
2441	Wooden containers.....	1	100.0	.4	22.9	6.1	5.0	4.1	1.7	-	11.7	48.1	-
25	Furniture and fixtures.....	80	100.0	6.5	13.3	15.6	4.6	15.9	4.1	10.3	2.7	27.0	-
251	Household and office furniture.....	61	100.0	6.5	12.8	17.4	4.2	12.7	3.8	9.6	1.5	31.5	-
2519	Household and office furniture, n.e.c.	18	100.0	9.0	9.7	22.2	7.7	14.3	2.2	4.2	3.7	27.0	-
254	Partitions, shelving, lockers, and office and store fixtures.....	18	100.0	6.6	13.2	9.9	6.2	27.0	5.2	12.7	6.6	12.6	-
2541	Wood partitions, shelving, lockers, and office and store fixtures.....	10	100.0	4.7	21.3	12.4	2.3	16.5	6.4	18.3	5.7	12.4	-
2542	Metal partitions, shelving, lockers, and office and store fixtures.....	9	100.0	8.6	4.5	7.1	10.4	38.6	3.9	6.6	7.5	12.8	-
26	Pulp, paper, and allied products.....	1,420	100.0	6.8	22.4	25.1	6.6	11.4	7.2	6.4	3.9	10.2	-
262	Paper (except building paper).....	601	100.0	11.0	23.9	30.6	6.6	10.6	7.8	3.3	1.0	5.2	-
2621	Paper (except building paper).....	601	100.0	11.0	23.9	30.6	6.6	10.6	7.8	3.3	1.0	5.2	-

See footnotes at end of table.

TABLE 3. Percent Distribution of Commodities, by Geographic Division of Destination: 1967--Continued

TCC code	Commodity	Number	Percent distribution by geographic division ¹ of destination										Sampling variability code ³
			All means of transport	New England	Middle Atlantic	East North Central	West North Central	South Atlantic	East South Central	West South Central	Mountain	Pacific ²	
	TON-MILES OF SHIPMENTS--Continued	(millions of ton-miles)											
264	Converted paper and paperboard products (except containers and boxes)....	449	100.0	5.0	14.4	19.4	7.1	13.2	10.5	13.0	10.1	7.3	-
2645	Die-cut paper and paperboard products (including cardboard).....	91	100.0	1.6	7.3	13.2	2.1	4.3	1.3	10.4	40.9	18.9	-
2647	Sanitary paper products.....	263	100.0	6.5	16.7	18.8	4.7	15.1	15.5	17.0	3.0	2.7	-
2649	Miscellaneous converted paper products and paperboard products.....	26	100.0	3.8	21.4	45.6	7.2	4.7	1.2	4.3	.3	11.5	-
28	Chemicals and allied products.....	1,546	100.0	12.0	27.1	16.7	6.8	13.7	4.6	6.7	1.2	11.2	-
281	Industrial chemicals.....	1,010	100.0	16.4	30.8	14.2	7.3	11.9	5.0	5.6	1.2	7.6	-
2812	Basic inorganic chemical compounds (including chlorine, potassium, and sodium compounds).....	697	100.0	22.0	35.2	10.3	9.9	11.6	1.6	4.9	.5	4.0	-
2815	Dyes and dye (cyclic) intermediates and organic pigments (lakes and toners)...	22	100.0	6.5	11.4	10.0	1.7	5.8	.2	62.9	-	1.5	-
2818	Miscellaneous industrial organic chemicals.....	171	100.0	.7	18.0	32.3	1.7	13.3	11.6	4.9	.6	16.9	-
2819	Miscellaneous industrial inorganic chemicals.....	98	100.0	6.5	23.6	13.8	-	7.2	20.1	.4	8.3	20.1	-
282	Plastic materials and plasticizers, synthetic resins, rubbers, and fibers.	109	100.0	3.7	13.0	24.0	12.8	8.6	10.7	7.4	.9	18.9	-
2821	Plastic materials and plasticizers, synthetic resins, rubbers, and fibers.	109	100.0	3.7	13.0	24.0	12.8	8.6	10.7	7.4	.9	18.9	-
283	Drugs (biological products, medicinal chemicals, botanical products, and pharmaceutical preparations).....	72	100.0	1.0	4.3	13.8	5.5	12.2	1.8	11.3	1.2	48.9	-
2831	Drugs (biological products, medicinal chemicals, botanical products, and pharmaceutical preparations).....	72	100.0	1.0	4.3	13.8	5.5	12.2	1.8	11.3	1.2	48.9	-
284	Soap and detergents, cleaning preparations, perfumes, cosmetics, and other toilet preparations.....	210	100.0	4.6	9.4	23.1	4.6	31.7	1.7	10.7	1.7	12.5	-
2842	Specialty cleaning, polishing, and sanitation preparations (except soap and detergents).....	125	100.0	6.3	12.0	23.3	1.6	43.7	.2	11.5	.3	1.1	-
2844	Perfumes, cosmetics, and other toilet preparations.....	61	100.0	1.2	5.7	21.6	10.1	15.5	5.0	12.7	5.1	23.1	-
285	Paints, varnishes, lacquers, enamels, and allied products.....	31	100.0	7.6	21.8	38.9	6.7	11.3	2.2	4.7	.7	6.1	-
2851	Paints, varnishes, lacquers, enamels, and allied products.....	31	100.0	7.6	21.8	38.9	6.7	11.3	2.2	4.7	.7	6.1	-
289	Miscellaneous chemical products.....	50	100.0	4.6	19.5	32.8	1.1	4.6	4.9	13.9	.1	18.5	-
2899	Chemical products, n.e.c.....	35	100.0	3.2	8.5	38.8	.5	2.1	4.8	17.4	.1	24.6	-
30	Rubber and miscellaneous plastics products.....	195	100.0	6.6	7.0	17.6	6.4	15.9	7.8	15.8	2.3	20.6	-
306	Miscellaneous fabricated rubber products.....	19	100.0	3.2	4.8	19.0	5.3	26.4	10.2	5.9	14.1	11.1	-
3061	Miscellaneous fabricated rubber products.....	19	100.0	3.2	4.8	19.0	5.3	26.4	10.2	5.9	14.1	11.1	-
307	Miscellaneous plastic products.....	133	100.0	8.3	5.9	21.1	4.4	14.2	7.3	18.3	1.3	19.2	-
3071	Miscellaneous plastic products.....	133	100.0	8.3	5.9	21.1	4.4	14.2	7.3	18.3	1.3	19.2	-
31	Leather and leather products.....	61	100.0	2.8	3.6	12.5	7.7	8.6	3.4	14.0	8.5	38.9	-
314	Footwear (except rubber).....	5	100.0	19.3	4.9	7.8	3.0	11.5	3.1	10.3	.1	40.0	-
316	Luggage and handbags (all materials), and other personal leather goods.....	30	100.0	1.5	3.1	14.8	5.6	10.3	3.1	12.5	12.0	37.1	-
3161	Luggage and handbags (all materials), and other personal leather goods.....	30	100.0	1.5	3.1	14.8	5.6	10.3	3.1	12.5	12.0	37.1	-

See footnotes at end of table.

TABLE 3. Percent Distribution of Commodities, by Geographic Division of Destination: 1967--Continued

TCC code	Commodity	Number	Percent distribution by geographic division ¹ of destination										Sampling variability code ³
			All means of transport	New England	Middle Atlantic	East North Central	West North Central	South Atlantic	East South Central	West South Central	Mountain	Pacific ²	
	TON-MILES OF SHIPMENTS--Continued	(millions of ton-miles)											
32	Stone, clay, and glass products.....	842	100.0	23.0	38.8	9.1	2.0	6.1	3.1	5.5	3.5	8.9	-
326	Pottery and related products.....	67	100.0	.3	3.2	12.4	9.2	10.7	.7	12.4	.3	50.8	-
327	Concrete, gypsum, plaster, and plaster products.....	207	100.0	5.2	74.7	5.5	.1	6.3	-	4.9	3.3	-	-
3291	Abrasive products.....	111	100.0	13.3	16.6	28.5	7.5	12.8	5.8	10.1	.5	4.9	-
33	Primary metal products.....	1,563	100.0	7.5	15.8	38.8	6.2	4.4	4.7	8.3	3.8	10.5	-
331	Steel works and rolling mill products.	805	100.0	6.8	14.7	46.4	8.1	.5	2.4	11.7	2.7	6.7	-
3312	Primary iron and steel products (except coke-oven products).....	794	100.0	6.7	14.6	46.7	8.1	.5	2.4	11.9	2.7	6.4	-
332	Iron and steel castings.....	48	100.0	3.4	26.9	30.3	13.8	6.8	6.3	2.2	.2	10.1	-
3321	Iron and steel castings.....	48	100.0	3.4	26.9	30.3	13.8	6.8	6.3	2.2	.2	10.1	-
333	Nonferrous metals primary smelter products (slab, ingot, pig, etc., and residues).....	202	100.0	18.2	26.5	29.3	.1	5.9	3.1	1.4	14.5	1.0	-
3334	Primary aluminum smelter products.....	70	100.0	.5	20.8	55.9	.4	10.8	8.8	-	-	2.8	-
335	Nonferrous metal basic shapes.....	421	100.0	4.8	10.9	28.4	5.3	10.0	10.2	6.2	1.8	22.4	-
3351	Copper, brass, bronze, and other copper base alloy basic shapes.....	74	100.0	8.1	13.0	31.5	5.9	16.1	10.6	1.1	.1	13.6	-
3352	Aluminum and aluminum base alloy basic shapes (except aluminum foil).....	80	100.0	5.4	19.1	36.6	2.3	4.7	15.5	1.5	-	14.9	-
3356	Miscellaneous nonferrous metal basic shapes (plate, sheet, strip, rods, bars, pipe, and tubing).....	4	100.0	9.1	8.8	9.5	-	69.1	1.4	.9	-	1.2	-
3357	Nonferrous wire (including insulated wire).....	262	100.0	3.6	7.9	25.2	6.2	9.0	8.5	9.2	2.8	27.6	-
34	Fabricated metal products.....	913	100.0	3.3	15.9	18.4	10.4	8.8	3.2	10.9	8.4	20.7	-
342	Cutlery, hand tools, and general hardware.....	34	100.0	3.2	11.7	21.6	7.3	4.8	2.0	5.9	1.4	42.1	-
343	Plumbing fixtures and heating apparatus (except electric).....	34	100.0	20.7	11.9	10.1	5.7	24.9	1.5	3.4	4.7	17.1	-
3433	Heating equipment (except electric)...	27	100.0	25.1	14.3	11.1	6.5	18.0	1.0	-	4.7	19.3	-
3443	Fabricated plate products (boiler shop products).....	13	100.0	3.4	4.3	20.7	8.5	10.6	2.7	21.6	24.8	3.4	-
346	Metal stampings.....	126	100.0	.5	6.5	21.5	13.2	12.3	10.4	11.5	4.4	19.7	-
3461	Metal stampings.....	126	100.0	.5	6.5	21.5	13.2	12.3	10.4	11.5	4.4	19.7	-
348	Miscellaneous fabricated wire products	73	100.0	1.4	6.2	14.8	8.6	5.4	1.8	14.3	4.2	43.3	-
3481	Miscellaneous fabricated wire products	73	100.0	1.4	6.2	14.8	8.6	5.4	1.8	14.3	4.2	43.3	-
35	Machinery, except electrical.....	1,168	100.0	1.7	5.0	15.1	10.4	8.9	4.2	16.8	2.5	35.4	-
355	Special industry machinery (except metalworking machinery).....	80	100.0	3.5	6.5	16.3	7.3	16.4	9.2	25.3	2.7	12.8	-
356	General industrial machinery and equipment.....	112	100.0	1.8	5.7	10.2	11.4	4.7	4.2	36.5	3.3	22.2	-
3561	Pumps, air and gas compressors, and measuring and dispensing pumps, also pumping equipment.....	67	100.0	1.4	2.9	3.0	14.5	1.6	4.5	48.7	3.8	19.6	-
3566	Mechanical power transmission equipment, except ball and roller bearings	8	100.0	.7	6.5	25.5	5.9	1.5	3.3	7.1	4.3	45.2	-
3569	General industrial machinery and equipment, n.e.c.....	11	100.0	1.8	5.5	8.8	2.5	13.4	9.3	39.0	6.5	13.2	-
357	Office, computing, and accounting machines.....	133	100.0	.8	2.5	10.5	4.2	4.1	.8	6.4	8.5	62.2	-
3579	Miscellaneous office machines.....	57	100.0	.3	1.4	2.0	2.5	2.0	.9	1.9	.8	88.2	-

See footnotes at end of table.

TABLE 3. Percent Distribution of Commodities, by Geographic Division of Destination: 1967--Continued

TCC code	Commodity	Number	Percent distribution by geographic division ¹ of destination										Sampling variability code ³
			All means of transport	New England	Middle Atlantic	East North Central	West North Central	South Atlantic	East South Central	West South Central	Mountain	Pacific ²	
	TON-MILES OF SHIPMENTS--Continued	(millions of ton-miles)											
36	Electrical machinery and equipment.....	655	100.0	1.6	6.8	20.7	7.1	9.6	7.0	11.0	7.5	28.7	-
361	Electrical transmission and distribution equipment.....	5	100.0	2.8	4.2	2.4	1.0	6.5	3.7	49.0	8.6	21.8	-
3611	Electrical measuring instruments and test equipment.....	2	100.0	.6	6.1	3.8	.4	13.3	1.4	34.9	14.7	24.8	-
362	Electrical industrial apparatus.....	199	100.0	.4	6.5	28.9	9.0	2.7	14.2	7.1	13.9	17.3	-
3621	Motors and generators.....	114	100.0	.3	7.7	37.6	1.3	2.5	21.2	3.9	.7	24.8	-
363	Household appliances.....	44	100.0	2.3	6.0	19.3	3.9	10.3	1.7	12.7	2.9	40.9	-
3634	Electric housewares and fans.....	36	100.0	2.5	5.4	17.9	4.7	11.4	1.5	13.7	3.5	39.4	-
365	Radio and television receiving sets (except communication types), phonographs, and phonograph records.....	74	100.0	4.3	7.8	11.0	15.3	14.4	6.2	9.3	4.3	27.4	-
3651	Radio and television receiving sets (except communication types), and phonographs.....	70	100.0	4.4	5.3	11.1	16.0	14.8	6.5	9.5	4.5	27.9	-
366	Communication equipment.....	16	100.0	1.3	4.1	3.8	4.3	8.7	.9	23.0	5.8	48.1	-
3662	Radio and television transmitting, signaling, and detection equipment and apparatus.....	12	100.0	.8	4.3	2.3	2.2	7.7	.3	19.3	6.2	56.9	-
367	Electronic components or accessories...	45	100.0	3.5	5.3	22.4	8.8	9.0	4.4	17.1	11.7	17.8	-
3679	Miscellaneous electronic components and accessories.....	34	100.0	4.6	5.2	16.8	9.5	8.5	2.3	14.2	15.8	23.1	-
37	Transportation equipment.....	537	100.0	3.2	10.2	21.9	11.9	14.2	1.3	9.4	-	27.9	-
372	Aircraft and parts.....	23	100.0	.6	2.1	.3	18.8	5.3	.8	7.2	.2	64.7	-
3729	Aircraft parts and equipment, n.e.c....	22	100.0	-	.4	.3	20.0	5.7	.8	4.3	.2	68.3	-
379	Miscellaneous transportation equipment.	-	-	-	-	-	-	-	-	-	-	-	-
3799	Transportation equipment, n.e.c.....	-	-	-	-	-	-	-	-	-	-	-	-
38	Instruments, photographic goods, optical goods, watches, and clocks.....	214	100.0	2.8	9.3	18.7	1.8	7.7	1.6	11.7	1.6	44.8	-
381	Engineering, laboratory, and scientific instruments.....	1	100.0	.2	3.0	12.3	6.6	3.0	.5	54.7	3.7	16.0	-
3811	Engineering, laboratory, and scientific instruments.....	1	100.0	.2	3.0	12.3	6.6	3.0	.5	54.7	3.7	16.0	-
382	Measuring, controlling, and indicating instruments.....	5	100.0	5.8	8.0	21.1	8.1	6.1	16.9	14.2	1.2	18.6	-
3821	Mechanical measuring and controlling instruments (except automatic temperature controls).....	5	100.0	6.2	8.6	16.6	8.8	6.6	18.3	13.6	1.3	20.0	-
384	Surgical, medical, and dental instruments and supplies.....	11	100.0	1.7	10.0	12.6	16.1	7.7	3.5	12.4	3.9	32.1	-
386	Photographic equipment and supplies....	192	100.0	2.9	9.4	19.1	.6	7.8	1.0	10.8	1.4	47.0	-
3861	Photographic equipment and supplies....	192	100.0	2.9	9.4	19.1	.6	7.8	1.0	10.8	1.4	47.0	-
387	Watches, clocks, and parts, and clock-work operated devices and parts.....	4	100.0	1.7	2.3	15.2	10.2	8.4	1.9	34.1	3.9	22.3	-
3871	Watches, clocks, and parts, and clock-work operated devices and parts.....	4	100.0	1.7	2.3	15.2	10.2	8.4	1.9	34.1	3.9	22.3	-
39	Miscellaneous products of manufacturing	254	100.0	1.6	4.5	22.4	10.6	8.2	4.3	5.5	7.2	35.7	-
399	Miscellaneous manufactured products....	85	100.0	2.7	5.9	18.5	9.5	7.9	7.2	7.2	2.4	38.7	-

¹For states included in the geographic divisions, see map on inside cover.
²Shipments to Alaska and Hawaii from the 48 conterminous States and the District of Columbia are included; no data were obtained for shipments originating in Alaska and Hawaii.
³Code letter indicates a sampling variability range as follows: a, 0-9 percent; b, 10-19 percent; c, 20-29 percent; and d, 30-50 percent. The variability for ton-miles has not been estimated.

NORTH CAROLINA

SUMMARY

The estimates of tons and ton-miles are based on reports from a sample of manufacturing establishments located in the State of North Carolina. The total tons and ton-miles represent the total intercity shipments by essentially all manufacturing establishments in the State, except for plants with less than 20 employees. However, since the data are based on a sample, the estimates necessarily are subject to "sampling variability."

The approximate degree of sampling variability for tons for each commodity or commodity class is indicated in the last column of tables 1 to 3. In general, most of the commodity data in this report are subject to substantial sampling variability and should be treated as approximate rather than precise measures.

About 18.9 million tons of commodities were shipped by plants in this State to destinations

beyond the local area. These shipments generated 5.2 billion ton-miles by all means of transport combined, and averaged about 275 straight-line miles per ton shipped.

Table B indicates that 60 percent of the tons moved less than 200 miles and these mileage blocks account for 22 percent of the ton-miles.

Private truck and motor carrier are the dominant means of transport, accounting for 37 percent and 33 percent, respectively, of the total tons. When measured in terms of ton-miles rather than tons, rail and motor carrier become the dominant means of transport, accounting for 41 percent and 39 percent, respectively.

As shown in table C, about 77 percent of the total tons shipped by plants in North Carolina remained in the South. However, for some commodity groups (such as Tobacco, Apparel, and Furniture and Fixtures) a more widespread distribution is indicated.

Table A. PERCENT DISTRIBUTION OF SHIPMENTS, AND AVERAGE LENGTH OF HAUL, BY MEANS OF TRANSPORT

Means of transport	Tons	Ton-miles	Average length of haul
	(thousands)	(millions)	(miles)
All commodities.....	18,906	5,204	(X)
ALL COMMODITIES	Percent distribution		
All means of transport.....	100.0	100.0	275
Rail.....	29.1	41.2	390
Motor carrier.....	33.3	38.9	321
Private truck.....	36.9	18.5	138
Air.....	-	.1	-
Water.....	.1	.2	-
All other.....	.6	1.1	-

Note: Average length of haul is based on straight-line miles from plant to customer or primary redistribution point, weighted by tonnage shipped (i.e., ton-miles divided by tons). Rail short-line and highway direct-route distances average about 24 and 21 percent, respectively, longer than straight-line distances.

Table B. PERCENT DISTRIBUTION OF SHIPMENTS BY DISTANCE OF SHIPMENT

Distance shipped	Tons	Ton-miles
ALL COMMODITIES		
All distances.....	100.0	100.0
Under 100 miles.....	30.7	6.1
100 to 199 miles.....	29.4	15.8
200 to 299 miles.....	9.3	8.0
300 to 499 miles.....	14.9	21.7
500 to 999 miles.....	13.0	29.4
1,000 to 1,499 miles.....	.6	2.6
1,500 miles and over.....	2.1	16.4

Table C. PERCENT DISTRIBUTION OF TONS OF COMMODITIES BY REGION OF DESTINATION

TCC code	Commodity class	Tons (thousands)	Percent distribution by region ¹ of destination				
			All destinations	North-east	North Central	South	West
	Total.....	² 18,906	100.0	12.8	7.9	77.2	2.1
20	Food and kindred products.....	3,464	100.0	5.1	2.2	91.2	1.5
21	Tobacco products.....	932	100.0	9.8	14.2	63.7	12.3
22	Basic textiles.....	5,157	100.0	15.0	9.9	73.5	1.6
23	Apparel, including knit apparel, and other finished textile products.....	479	100.0	32.7	26.2	34.4	6.7
24	Lumber and wood products, except furniture.....	1,226	100.0	23.5	3.8	72.7	-
25	Furniture and fixtures.....	698	100.0	32.4	22.1	40.6	4.9
26	Pulp, paper, and allied products.....	1,631	100.0	24.1	18.9	57.0	-
30	Rubber and miscellaneous plastics products.....	216	100.0	7.4	8.7	60.2	23.7
32	Stone, clay, and glass products.....	1,009	100.0	5.8	2.4	91.6	.2
34	Fabricated metal products.....	101	100.0	17.5	9.9	69.2	3.4
35	Machinery, except electrical.....	109	100.0	11.8	15.3	69.2	3.6
36	Electrical machinery and equipment.....	76	100.0	20.4	13.1	60.7	5.8

¹See map on inside cover for areas included in the regions of the United States.

²Total includes commodities not shown separately.

TABLE 1. Percent Distribution of Commodities, by Means of Transport: 1967

TCC code	Commodity	Number	Percent distribution by means of transport								Sampling variability code ¹
			All means of transport	Rail	Motor carrier	Private truck	Air	Water	Other	Unknown	
	TONS OF SHIPMENTS	(thousands of tons)									
	North Carolina, total.....	18,906	100.0	29.1	33.3	36.9	-	0.1	0.3	0.3	-
20	Food and kindred products.....	3,464	100.0	43.2	5.1	51.2	-	.5	-	-	d
201	Meat, poultry, and small game; fresh, chilled or frozen.....	874	100.0	10.8	14.9	72.2	-	2.1	-	-	c
2015	Dressed poultry and small game, fresh, chilled or canned.....	312	100.0	-	11.4	88.6	-	-	-	-	d
21	Tobacco products.....	932	100.0	53.2	45.8	.7	-	-	-	.3	b
214	Stemmed and redried tobacco.....	383	100.0	50.2	48.1	1.7	-	-	-	-	d
2141	Stemmed and redried tobacco.....	383	100.0	50.2	48.1	1.7	-	-	-	-	d
22	Basic textiles.....	5,157	100.0	5.3	53.0	41.4	-	-	.3	-	d
221	Cotton broadwoven fabrics.....	578	100.0	14.0	44.1	41.6	-	-	.3	-	c
2211	Cotton broadwoven fabrics.....	578	100.0	14.0	44.1	41.6	-	-	.3	-	c
222	Man-made fiber and silk broadwoven fabrics.....	327	100.0	2.2	78.7	17.7	-	-	1.4	-	d
2221	Man-made fiber broadwoven fabrics.....	327	100.0	2.2	78.7	17.7	-	-	1.4	-	d
23	Apparel, including knit apparel, and other finished textile products.....	479	100.0	1.6	82.2	7.9	0.5	.2	7.2	.4	b
231	Men's, youths', and boys' clothing.....	106	100.0	.3	69.8	16.5	-	-	13.4	-	d
2311	Men's, youths', and boys' clothing.....	106	100.0	.3	69.8	16.5	-	-	13.4	-	d
233	Women's, misses', girls', and infants' clothing.....	119	100.0	1.7	75.2	10.8	1.3	-	9.3	1.7	c
2331	Women's, misses', girls', and infants' clothing.....	119	100.0	1.7	75.2	10.8	1.3	-	9.3	1.7	c
239	Miscellaneous fabricated textile products.....	253	100.0	2.1	91.0	2.9	.3	.4	3.3	-	c
2392	Housefurnishings (except curtains, draperies, tapestries, and lace and embroidered goods).....	157	100.0	3.3	90.5	.8	-	.7	4.7	-	c
24	Lumber and wood products, except furniture.....	1,226	100.0	9.4	41.8	48.0	-	-	-	.8	d
243	Millwork and prefabricated wood products, including plywood and veneer....	296	100.0	9.3	55.2	35.2	-	-	-	.3	d
25	Furniture and fixtures.....	698	100.0	21.0	53.8	24.4	-	-	.1	.7	b
251	Household and office furniture.....	642	100.0	22.8	56.3	20.0	-	-	.1	.8	c
2514	Buffets, servers, china and corner closets.....	57	100.0	38.1	61.2	.7	-	-	-	-	d
2516	Dressers, vanities, chests of drawers, and beds (except hospital beds).....	286	100.0	30.3	68.9	.5	-	-	.1	.2	d
26	Pulp, paper, and allied products.....	1,631	100.0	65.1	13.4	20.2	-	-	-	1.3	b
263	Paperboard, fiberboard, and pulpboard (except insulating board).....	878	100.0	66.4	15.5	15.7	-	-	-	2.4	c
2631	Paperboard, fiberboard, and pulpboard (except insulating board).....	878	100.0	66.4	15.5	15.7	-	-	-	2.4	c
265	Containers, boxes and related products, paperboard, fiberboard, and pulpboard.	275	100.0	23.8	11.2	65.0	-	-	-	-	d
282	Plastic materials and plasticizers, synthetic resins, rubbers, and fibers.	73	100.0	33.6	53.3	10.8	-	-	-	2.3	d
2821	Plastic materials and plasticizers, synthetic resins, rubbers, and fibers.	73	100.0	33.6	53.3	10.8	-	-	-	2.3	d
30	Rubber and miscellaneous plastics products.....	216	100.0	29.1	57.8	12.9	.1	-	.1	-	d
306	Miscellaneous fabricated rubber products.....	136	100.0	46.2	41.9	11.6	.1	-	.2	-	d
3061	Miscellaneous fabricated rubber products.....	136	100.0	46.2	41.9	11.6	.1	-	.2	-	d

See footnote at end of table.

TABLE 1. Percent Distribution of Commodities, by Means of Transport: 1967--Continued

TCC code	Commodity	Number	Percent distribution by means of transport								Sampling variability code
			All means of transport	Rail	Motor carrier	Private truck	Air	Water	Other	Unknown	
	TONS OF SHIPMENTS--Con.	(thousands of tons)									
32	Stone, clay, and glass products.....	1,009	100.0	12.3	3.5	84.2	-	-	-	-	d
325	Structural clay products.....	770	100.0	15.8	2.1	82.1	-	-	-	-	d
34	Fabricated metal products.....	101	100.0	3.2	62.1	34.0	0.3	-	0.4	-	d
35	Machinery, except electrical.....	109	100.0	12.2	53.7	29.5	1.1	-	3.5	-	c
355	Special industry machinery (except metalworking machinery).....	29	100.0	9.4	47.1	40.4	.1	-	3.0	-	d
3552	Textile machinery.....	27	100.0	9.9	44.3	42.5	.1	-	3.2	-	d
36	Electrical machinery and equipment.....	76	100.0	5.0	40.8	51.6	1.4	-	1.2	-	d
367	Electronic components or accessories...	7	100.0	17.0	69.5	.1	9.4	-	4.0	-	d
3679	Miscellaneous electronic components and accessories.....	7	100.0	17.0	69.6	-	9.4	-	4.0	-	d
	TON-MILES OF SHIPMENTS	(millions of ton-miles)									
	North Carolina, total.....	5,204	100.0	41.2	38.9	18.5	.1	0.2	.8	0.3	-
20	Food and kindred products.....	645	100.0	53.4	7.9	38.2	-	.5	-	-	-
201	Meat, poultry, and small game; fresh, chilled or frozen.....	323	100.0	39.2	13.5	46.2	-	1.1	-	-	-
2015	Dressed poultry and small game, fresh, chilled or canned.....	100	100.0	-	14.5	85.5	-	-	-	-	-
21	Tobacco products.....	534	100.0	73.6	25.4	.1	-	-	-	.9	-
214	Stemmed and redried tobacco.....	59	100.0	52.6	46.4	1.0	-	-	-	-	-
2141	Stemmed and redried tobacco.....	59	100.0	52.6	46.4	1.0	-	-	-	-	-
22	Basic textiles.....	1,503	100.0	15.1	60.8	23.2	.1	-	.8	-	-
221	Cotton broadwoven fabrics.....	239	100.0	26.3	50.7	21.6	.1	-	1.3	-	-
2211	Cotton broadwoven fabrics.....	239	100.0	26.3	50.7	21.6	.1	-	1.3	-	-
222	Man-made fiber and silk broadwoven fabrics.....	167	100.0	4.2	84.3	9.0	-	-	2.5	-	-
2221	Man-made fiber broadwoven fabrics.....	167	100.0	4.2	84.3	9.0	-	-	2.5	-	-
23	Apparel, including knit apparel, and other finished textile products.....	278	100.0	2.6	78.4	6.6	.7	1.9	9.7	.1	-
231	Men's, youths', and boys' clothing.....	51	100.0	.4	75.7	8.5	-	.4	15.0	-	-
2311	Men's, youths', and boys' clothing.....	51	100.0	.4	75.7	8.5	-	.4	15.0	-	-
233	Women's, misses', girls', and infants' clothing.....	70	100.0	2.5	72.1	10.0	1.8	-	13.3	.3	-
2331	Women's, misses', girls', and infants' clothing.....	70	100.0	2.5	72.1	10.0	1.8	-	13.3	.3	-
239	Miscellaneous fabricated textile products.....	155	100.0	3.5	82.2	4.4	.5	3.3	6.1	-	-
2392	Housefurnishings (except curtains, draperies, tapestries, and lace and embroidered goods).....	95	100.0	5.7	79.5	.4	-	5.3	9.1	-	-
24	Lumber and wood products, except furniture.....	300	100.0	15.6	49.8	34.0	-	-	-	.6	-
243	Millwork and prefabricated wood products, including plywood and veneer....	96	100.0	19.2	60.4	20.4	-	-	-	-	-
25	Furniture and fixtures.....	336	100.0	39.8	47.8	11.3	-	.4	.2	.5	-
251	Household and office furniture.....	328	100.0	40.8	47.7	10.4	-	.4	.2	.5	-
2514	Buffets, servers, china and corner closets.....	43	100.0	63.1	36.8	.1	-	-	-	-	-
2516	Dressers, vanities, chests of drawers, and beds (except hospital beds).....	163	100.0	49.0	50.4	.2	-	-	.2	.2	-

See footnote at end of table.

TABLE 1. Percent Distribution of Commodities, by Means of Transport: 1967--Continued

TCC code	Commodity	Number	Percent distribution by means of transport								Sampling variability code ¹
			All means of transport	Rail	Motor carrier	Private truck	Air	Water	Other	Unknown	
	TON-MILES OF SHIPMENTS--Con.	(millions of ton-miles)									
26	Pulp, paper, and allied products.....	533	100.0	83.2	11.4	4.9	-	-	-	0.5	-
263	Paperboard, fiberboard, and pulpboard (except insulating board).....	327	100.0	82.9	11.4	4.8	-	-	-	.9	-
2631	Paperboard, fiberboard, and pulpboard (except insulating board).....	327	100.0	82.9	11.4	4.8	-	-	-	.9	-
265	Containers, boxes and related products, paperboard, fiberboard, and pulpboard.	49	100.0	63.3	17.8	18.8	-	-	0.1	-	-
282	Plastic materials and plasticizers, synthetic resins, rubbers, and fibers.	24	100.0	54.8	42.7	2.3	-	-	-	.2	-
2821	Plastic materials and plasticizers, synthetic resins, rubbers, and fibers.	24	100.0	54.8	42.7	2.3	-	-	-	.2	-
30	Rubber and miscellaneous plastics products.....	146	100.0	71.6	26.6	1.7	0.1	-	-	-	-
306	Miscellaneous fabricated rubber products.....	126	100.0	83.0	15.8	1.1	.1	-	-	-	-
3061	Miscellaneous fabricated rubber products.....	126	100.0	83.0	15.8	1.1	.1	-	-	-	-
32	Stone, clay, and glass products.....	118	100.0	41.7	13.8	44.5	-	-	-	-	-
325	Structural clay products.....	87	100.0	54.4	5.4	40.2	-	-	-	-	-
34	Fabricated metal products.....	37	100.0	1.5	73.1	24.2	.4	-	.8	-	-
35	Machinery, except electrical.....	51	100.0	18.6	61.7	13.1	4.0	-	2.6	-	-
355	Special industry machinery (except metalworking machinery).....	8	100.0	2.4	68.5	21.4	-	-	7.7	-	-
3552	Textile machinery.....	7	100.0	2.5	66.9	22.5	-	-	8.1	-	-
36	Electrical machinery and equipment.....	33	100.0	8.3	58.7	25.8	3.8	0.1	3.3	-	-
367	Electronic components or accessories...	5	100.0	7.1	68.8	-	15.4	-	8.7	-	-
3679	Miscellaneous electronic components and accessories.....	5	100.0	7.1	68.8	-	15.4	-	8.7	-	-

¹Code letter indicates a sampling variability range as follows: a, 0-9 percent; b, 10-19 percent; c, 20-29 percent; and d, 30-50 percent. The variability for ton-miles has not been estimated.

TABLE 2. Percent Distribution of Commodities, by Distance of Shipment: 1967

TCC code	Commodity	Number	Percent distribution by distance of shipment								Sampling variability code ¹
			All distances	Under 100 miles	100 to 199 miles	200 to 299 miles	300 to 499 miles	500 to 999 miles	1,000 to 1,499 miles	1,500 miles or over	
	TONS OF SHIPMENTS	(thousands of tons)									
	North Carolina, total.....	18,906	100.0	30.7	29.4	9.3	14.9	13.0	0.6	2.1	-
20	Food and kindred products.....	3,464	100.0	43.9	32.8	9.1	9.3	3.3	.1	1.5	d
201	Meat, poultry, and small game; fresh, chilled or frozen.....	874	100.0	29.0	19.4	13.7	23.6	7.8	.5	6.0	c
2015	Dressed poultry and small game, fresh, chilled or canned.....	312	100.0	18.7	6.1	12.2	51.3	11.7	-	-	d
21	Tobacco products.....	932	100.0	12.9	26.1	6.2	18.6	21.8	2.4	12.0	b
214	Stemmed and redried tobacco.....	383	100.0	24.8	58.4	5.7	10.4	.7	-	-	d
2141	Stemmed and redried tobacco.....	383	100.0	24.8	58.4	5.7	10.4	.7	-	-	d
22	Basic textiles.....	5,157	100.0	21.4	40.5	3.6	16.0	16.0	.6	1.9	d
221	Cotton broadwoven fabrics.....	578	100.0	28.9	11.1	8.7	16.1	27.2	3.1	4.9	c
2211	Cotton broadwoven fabrics.....	578	100.0	28.9	11.1	8.7	16.1	27.2	3.1	4.9	c
222	Man-made fiber and silk broadwoven fabrics.....	327	100.0	12.5	12.7	3.8	30.0	34.4	.7	5.9	d
2221	Man-made fiber broadwoven fabrics.....	327	100.0	12.5	12.7	3.8	30.0	34.4	.7	5.9	d
23	Apparel, including knit apparel, and other finished textile products.....	479	100.0	6.8	7.3	6.4	27.1	43.4	2.9	6.1	b
231	Men's, youths', and boys' clothing.....	106	100.0	12.0	13.8	5.4	29.7	31.4	2.5	5.2	d
2311	Men's, youths', and boys' clothing.....	106	100.0	12.0	13.8	5.4	29.7	31.4	2.5	5.2	d
233	Women's, misses', girls', and infants' clothing.....	119	100.0	9.5	6.6	4.8	28.3	41.7	1.8	7.3	c
2331	Women's, misses', girls', and infants' clothing.....	119	100.0	9.5	6.6	4.8	28.3	41.7	1.8	7.3	c
239	Miscellaneous fabricated textile products.....	253	100.0	3.3	4.9	7.7	25.6	49.0	3.6	5.9	c
2392	Housefurnishing (except curtains, draperies, tapestries, and lace and embroidered goods).....	157	100.0	4.1	4.0	3.3	26.3	54.3	3.2	4.8	c
24	Lumber and wood products, except furniture.....	1,226	100.0	19.6	16.6	33.1	24.0	6.7	-	-	d
243	Millwork and prefabricated wood products, including plywood and veneer....	296	100.0	27.4	6.2	14.0	29.7	22.7	-	-	d
25	Furniture and fixtures.....	698	100.0	14.6	7.4	8.7	32.4	30.9	2.5	3.5	b
251	Household and office furniture.....	642	100.0	9.6	7.2	9.0	34.5	33.2	2.7	3.8	c
2514	Buffets, servers, china and corner closets.....	57	100.0	.6	6.1	7.2	34.5	29.7	8.2	13.7	d
2516	Dressers, vanities, chests of drawers, and beds (except hospital beds).....	286	100.0	3.7	5.2	10.1	33.2	40.1	3.1	4.6	d
26	Pulp, paper, and allied products.....	1,631	100.0	27.2	12.5	11.1	22.7	25.7	.8	-	b
263	Paperboard, fiberboard, and pulpboard (except insulating board).....	878	100.0	14.8	17.9	13.0	18.7	34.6	1.0	-	c
2631	Paperboard, fiberboard, and pulpboard (except insulating board).....	878	100.0	14.8	17.9	13.0	18.7	34.6	1.0	-	c
265	Containers, boxes and related products, paperboard, fiberboard, and pulpboard.	275	100.0	62.0	9.8	8.0	8.4	10.1	1.7	-	d
282	Plastic materials and plasticizers, synthetic resins, rubbers, and fibers.	73	100.0	38.5	8.9	26.0	7.8	8.7	7.4	2.7	d
2821	Plastic materials and plasticizers, synthetic resins, rubbers, and fibers.	73	100.0	38.5	8.9	26.0	7.8	8.7	7.4	2.7	d
30	Rubber and miscellaneous plastics products.....	216	100.0	25.8	25.0	2.5	9.2	13.7	.1	28.7	d
306	Miscellaneous fabricated rubber products.....	136	100.0	22.5	18.3	3.1	6.2	12.3	-	37.6	d
3061	Miscellaneous fabricated rubber products.....	136	100.0	22.5	18.3	3.1	6.2	12.3	-	37.6	d

See footnote at end of table.

TABLE 2. Percent Distribution of Commodities, by Distance of Shipment: 1967--Continued

TCC code	Commodity	Number	Percent distribution by distance of shipment								Sampling variability code ¹
			All distances	Under 100 miles	100 to 199 miles	200 to 299 miles	300 to 499 miles	500 to 999 miles	1,000 to 1,499 miles	1,500 miles or over	
	TONS OF SHIPMENTS--Con.	(thousands of tons)									
32	Stone, clay, and glass products.....	1,009	100.0	72.6	8.7	8.1	5.6	4.7	-	0.3	d
325	Structural clay products.....	770	100.0	74.8	7.6	6.5	6.8	4.1	-	.2	d
34	Fabricated metal products.....	101	100.0	30.1	12.2	12.2	20.7	20.3	1.1	3.4	d
35	Machinery, except electrical.....	109	100.0	18.5	15.9	9.0	28.9	19.5	4.7	3.5	c
355	Special industry machinery (except metalworking machinery).....	29	100.0	27.5	26.7	8.7	29.4	3.9	3.8	-	d
3552	Textile machinery.....	27	100.0	27.8	25.6	9.1	30.1	3.4	4.0	-	d
36	Electrical machinery and equipment.....	76	100.0	10.3	20.8	16.6	26.4	18.9	1.6	5.4	d
367	Electronic components or accessories...	7	100.0	1.4	16.9	3.6	27.2	37.8	1.7	11.4	d
3679	Miscellaneous electronic components and accessories.....	7	100.0	1.4	16.8	3.6	27.2	37.9	1.7	11.4	d
	TON-MILES OF SHIPMENTS	(millions of ton-miles)									
	North Carolina, total.....	5,204	100.0	6.1	15.8	8.0	21.7	29.4	2.6	16.4	-
20	Food and kindred products.....	645	100.0	12.7	24.8	11.7	19.7	10.4	.8	19.9	-
201	Meat, poultry, and small game; fresh, chilled or frozen.....	323	100.0	3.8	8.1	9.2	25.6	12.1	1.5	39.7	-
2015	Dressed poultry and small game, fresh, chilled or canned.....	100	100.0	3.1	2.7	10.3	64.2	19.7	-	-	-
21	Tobacco products.....	534	100.0	1.4	6.0	2.7	13.6	26.4	4.9	45.0	-
214	Stemmed and redried tobacco.....	59	100.0	10.2	49.5	8.1	29.7	2.5	-	-	-
2141	Stemmed and redried tobacco.....	59	100.0	10.2	49.5	8.1	29.7	2.5	-	-	-
22	Basic textiles.....	1,503	100.0	3.8	21.8	3.1	22.4	33.2	2.1	13.6	-
221	Cotton broadwoven fabrics.....	239	100.0	3.0	4.0	4.9	15.8	42.7	8.1	21.5	-
2211	Cotton broadwoven fabrics.....	239	100.0	3.0	4.0	4.9	15.8	42.7	8.1	21.5	-
222	Man-made fiber and silk broadwoven fabrics.....	167	100.0	1.3	3.3	1.8	24.7	42.1	1.7	25.1	-
2221	Man-made fiber broadwoven fabrics.....	167	100.0	1.3	3.3	1.8	24.7	42.1	1.7	25.1	-
23	Apparel, including knit apparel, and other finished textile products.....	278	100.0	.6	1.8	2.8	18.2	47.1	5.9	23.6	-
231	Men's, youths', and boys' clothing.....	51	100.0	1.3	3.6	2.7	21.8	40.8	6.6	23.2	-
2311	Men's, youths', and boys' clothing.....	51	100.0	1.3	3.6	2.7	21.8	40.8	6.6	23.2	-
233	Women's, misses', girls', and infants' clothing.....	70	100.0	1.1	1.8	2.2	19.7	45.5	3.5	26.2	-
2331	Women's, misses', girls', and infants' clothing.....	70	100.0	1.1	1.8	2.2	19.7	45.5	3.5	26.2	-
239	Miscellaneous fabricated textile products.....	155	100.0	.2	1.1	3.1	16.3	50.0	6.8	22.5	-
2392	Housefurnishings (except curtains, draperies, tapestries, and lace and embroidered goods).....	95	100.0	.3	1.0	1.4	16.6	54.3	6.4	20.0	-
24	Lumber and wood products, except furniture.....	300	100.0	4.6	10.3	30.0	37.7	17.2	-	.2	-
243	Millwork and prefabricated wood products, including plywood and veneer....	96	100.0	3.8	2.8	10.8	37.4	45.2	-	-	-
25	Furniture and fixtures.....	336	100.0	2.1	2.1	4.8	28.5	40.3	6.5	15.7	-
251	Household and office furniture.....	328	100.0	1.1	1.9	4.7	28.7	40.8	6.7	16.1	-
2514	Buffets, servers, china and corner closets.....	43	100.0	.1	1.3	2.5	19.4	24.5	13.2	39.0	-
2516	Dressers, vanities, chests of drawers, and beds (except hospital beds).....	163	100.0	.4	1.4	4.7	24.2	44.8	6.8	17.7	-

See footnote at end of table.

TABLE 2. Percent Distribution of Commodities, by Distance of Shipment: 1967--Continued

TCC code	Commodity	Number	Percent distribution by distance of shipment								Sampling variability code ¹
			All distances	Under 100 miles	100 to 199 miles	200 to 299 miles	300 to 499 miles	500 to 999 miles	1,000 to 1,499 miles	1,500 miles or over	
	TON-MILES OF SHIPMENTS--Con.	(millions of ton-miles)									
26	Pulp, paper, and allied products.....	533	100.0	4.9	5.2	8.2	28.4	50.5	2.8	-	-
263	Paperboard, fiberboard, and pulpboard (except insulating board).....	327	100.0	2.5	6.5	8.3	20.2	59.7	2.8	-	-
2631	Paperboard, fiberboard, and pulpboard (except insulating board).....	327	100.0	2.5	6.5	8.3	20.2	59.7	2.8	-	-
265	Containers, boxes and related products, paperboard, fiberboard, and pulpboard.	49	100.0	15.7	7.5	12.5	20.8	32.0	11.2	0.3	-
282	Plastic materials and plasticizers, synthetic resins, rubbers, and fibers.	24	100.0	7.5	3.8	17.4	9.4	15.7	28.6	17.6	-
2821	Plastic materials and plasticizers, synthetic resins, rubbers, and fibers.	24	100.0	7.5	3.8	17.4	9.4	15.7	28.6	17.6	-
30	Rubber and miscellaneous plastics products.....	146	100.0	1.9	5.2	.9	4.8	13.9	.1	73.2	-
306	Miscellaneous fabricated rubber products.....	126	100.0	1.1	2.6	.8	2.5	8.3	-	84.7	-
3061	Miscellaneous fabricated rubber products.....	126	100.0	1.1	2.6	.8	2.5	8.3	-	84.7	-
32	Stone, clay, and glass products.....	118	100.0	27.6	9.6	16.9	16.8	24.0	.2	4.9	-
325	Structural clay products.....	87	100.0	30.1	8.7	14.9	20.7	21.3	-	4.3	-
34	Fabricated metal products.....	37	100.0	5.0	4.6	8.3	22.7	34.9	3.5	21.0	-
35	Machinery, except electrical.....	51	100.0	2.1	5.0	4.7	26.2	32.6	12.0	17.4	-
355	Special industry machinery (except metalworking machinery).....	8	100.0	6.1	15.2	7.6	43.4	11.4	16.3	-	-
3552	Textile machinery.....	7	100.0	6.2	14.7	7.9	44.6	9.5	17.1	-	-
36	Electrical machinery and equipment.....	33	100.0	1.8	7.3	9.6	23.1	28.8	4.1	25.3	-
367	Electronic components or accessories...	5	100.0	.1	4.7	1.4	15.7	37.3	3.3	37.5	-
3679	Miscellaneous electronic components and accessories.....	5	100.0	.1	4.7	1.4	15.7	37.3	3.3	37.5	-

¹Code letter indicates a sampling variability range as follows: a, 0-9 percent; b, 10-19 percent; c, 20-29 percent; and d, 30-50 percent. The variability for ton-miles has not been estimated.

TABLE 3. Percent Distribution of Commodities, by Geographic Division of Destination: 1967

TCC code	Commodity	Number	Percent distribution by geographic division ¹ of destination										Sampling variability code ³
			All means of transport	New England	Middle Atlantic	East North Central	West North Central	South Atlantic	East South Central	West South Central	Mountain	Pacific ²	
	TONS OF SHIPMENTS	(thous. of tons)											
	North Carolina, total.....	18,906	100.0	2.5	10.3	6.4	1.5	71.9	3.8	1.5	0.3	1.8	-
20	Food and kindred products.....	3,464	100.0	.3	4.8	2.2	-	89.3	1.1	.8	-	1.5	d
201	Meat, poultry, and small game; fresh, chilled or frozen.....	874	100.0	1.0	15.3	8.8	.1	66.9	1.4	.6	-	5.9	c
2015	Dressed poultry, and small game; fresh, chilled or canned.....	312	100.0	1.6	32.0	22.6	-	43.5	.3	-	-	-	d
21	Tobacco products.....	932	100.0	1.8	8.0	11.1	3.1	48.4	7.8	7.5	2.4	9.9	b
214	Stemmed and redried tobacco.....	383	100.0	-	1.8	-	-	89.1	9.1	-	-	-	d
2141	Stemmed and redried tobacco.....	383	100.0	-	1.8	-	-	89.1	9.1	-	-	-	d
22	Basic textiles.....	5,157	100.0	3.6	11.4	7.5	2.4	65.5	6.7	1.3	.1	1.5	d
221	Cotton broadwoven fabrics.....	578	100.0	6.8	17.0	2.2	6.2	46.8	11.2	7.8	.1	1.9	c
2211	Cotton broadwoven fabrics.....	578	100.0	6.8	17.0	2.2	6.2	46.8	11.2	7.8	.1	1.9	c
222	Man-made fiber and silk broadwoven fabrics.....	327	100.0	20.6	26.4	8.0	4.3	30.5	2.2	2.0	.2	5.8	d
2221	Man-made fiber broadwoven fabrics.....	327	100.0	20.6	26.4	8.0	4.3	30.5	2.2	2.0	.2	5.8	d
23	Apparel, including knit apparel, and other finished textile products.....	479	100.0	7.8	24.9	21.7	4.5	24.9	3.8	5.7	1.3	5.4	b
231	Men's, youths', and boys' clothing.....	106	100.0	7.0	19.5	23.6	2.4	33.4	3.9	3.8	1.5	4.9	d
2311	Men's, youths', and boys' clothing.....	106	100.0	7.0	19.5	23.6	2.4	33.4	3.9	3.8	1.5	4.9	d
233	Women's, misses', girls', and infants' clothing.....	119	100.0	13.7	22.5	15.7	5.2	23.9	5.3	6.3	.8	6.6	c
2331	Women's, misses', girls', and infants' clothing.....	119	100.0	13.7	22.5	15.7	5.2	23.9	5.3	6.3	.8	6.6	c
239	Miscellaneous fabricated textile products.....	253	100.0	5.5	28.3	23.9	5.0	21.6	3.1	6.1	1.4	5.1	c
2392	Housefurnishings (except curtains, draperies, tapestries, and lace and embroidered goods).....	157	100.0	5.5	37.7	18.0	4.3	19.7	2.4	7.1	1.2	4.1	c
24	Lumber and wood products, except furniture.....	1,226	100.0	2.1	21.4	3.8	-	70.0	2.4	.3	-	-	d
243	Millwork and prefabricated wood products, including plywood and veneer....	296	100.0	5.4	18.5	12.0	-	53.9	8.8	1.4	-	-	d
25	Furniture and fixtures.....	698	100.0	5.7	26.7	16.0	6.1	31.3	6.6	2.7	1.8	3.1	b
251	Household and office furniture.....	642	100.0	6.0	28.6	17.4	6.6	25.9	7.2	2.9	2.0	3.4	c
2514	Buffets, servers, china and corner closets.....	57	100.0	4.6	20.1	18.6	7.8	17.7	9.6	4.1	4.4	13.1	d
2516	Dressers, vanities, chests of drawers, and beds (except hospital beds).....	286	100.0	8.5	25.7	25.7	3.4	22.2	4.2	3.9	2.3	4.1	d
26	Pulp, paper, and allied products.....	1,631	100.0	4.2	19.9	16.4	2.5	52.2	3.0	1.8	-	-	b
263	Paperboard, fiberboard, and pulpboard (except insulating board).....	878	100.0	3.6	17.7	19.9	4.0	47.7	4.0	3.1	-	-	c
2631	Paperboard, fiberboard, and pulpboard (except insulating board).....	878	100.0	3.6	17.7	19.9	4.0	47.7	4.0	3.1	-	-	c
265	Containers, boxes and related products, paperboard, fiberboard, and pulpboard.	275	100.0	2.1	8.2	8.3	1.7	78.4	.6	.7	-	-	d
282	Plastic materials and plasticizers, synthetic resins, rubbers, and fibers.	73	100.0	1.1	7.1	2.7	.7	78.5	-	7.2	-	2.7	d
2821	Plastic materials and plasticizers, synthetic resins, rubbers, and fibers.	73	100.0	1.1	7.1	2.7	.7	78.5	-	7.2	-	2.7	d
30	Rubber and miscellaneous plastics products.....	216	100.0	.7	6.7	4.3	4.4	58.2	1.3	.7	-	23.7	d
306	Miscellaneous fabricated rubber products.....	136	100.0	.7	8.3	5.2	1.0	45.5	.8	1.0	-	37.5	d
3061	Miscellaneous fabricated rubber products.....	136	100.0	.7	8.3	5.2	1.0	45.5	.8	1.0	-	37.5	d

See footnotes at end of table.

TABLE 3. Percent Distribution of Commodities, by Geographic Division of Destination: 1967--Continued

TCC code	Commodity	Number	Percent distribution by geographic division ¹ of destination										Sampling variability code ³
			All means of transport	New England	Middle Atlantic	East North Central	West North Central	South Atlantic	East South Central	West South Central	Mountain	Pacific ²	
	TONS OF SHIPMENTS--Con.	(thous. of tons)											
32	Stone, clay, and glass products.....	1,009	100.0	1.9	3.9	2.3	0.1	89.4	1.6	0.6	-	0.2	a
325	Structural clay products.....	770	100.0	1.9	4.8	2.3	-	88.7	1.7	.4	-	.2	a
34	Fabricated metal products.....	101	100.0	1.1	16.4	8.4	1.5	55.9	10.2	3.1	-	3.4	a
35	Machinery, except electrical.....	109	100.0	1.0	10.8	13.9	1.4	53.2	3.2	12.9	0.4	3.2	c
355	Special industry machinery (except metalworking machinery).....	29	100.0	3.1	.8	24.8	-	61.7	5.2	4.4	-	-	d
3552	Textile machinery.....	27	100.0	3.3	.1	26.1	-	61.1	5.5	3.9	-	-	c
36	Electrical machinery and equipment.....	76	100.0	3.4	17.0	8.1	5.0	50.1	7.2	3.4	2.5	3.3	a
367	Electronic components or accessories...	7	100.0	13.8	9.6	34.3	3.5	21.3	3.4	1.6	3.4	9.1	a
3679	Miscellaneous electronic components and accessories.....	7	100.0	13.8	9.6	34.3	3.5	21.2	3.4	1.6	3.5	9.1	a
	TON-MILES OF SHIPMENTS	(millions of ton-miles)											
	North Carolina, total.....	5,204	100.0	5.7	16.5	11.4	4.5	34.8	5.6	5.2	1.6	14.7	-
20	Food and kindred products.....	645	100.0	1.0	11.4	5.1	.1	56.5	3.0	3.3	-	19.6	-
201	Meat, poultry, and small game; fresh, chilled or frozen.....	323	100.0	1.7	18.4	10.3	.3	25.8	2.2	2.2	-	39.1	-
2015	Dressed poultry and small game, fresh, chilled or canned.....	100	100.0	2.9	44.2	29.3	-	23.6	-	-	-	-	-
21	Tobacco products.....	534	100.0	1.8	6.3	9.9	4.5	13.4	6.2	12.2	7.2	38.5	-
214	Stemmed and redried tobacco.....	59	100.0	-	5.3	.2	-	67.9	26.5	.1	-	-	-
2141	Stemmed and redried tobacco.....	59	100.0	-	5.3	.2	-	67.9	26.5	.1	-	-	-
22	Basic textiles.....	1,503	100.0	7.7	18.2	10.8	6.7	29.3	10.2	5.1	.6	11.4	-
221	Cotton broadwoven fabrics.....	239	100.0	10.9	19.5	2.5	11.6	12.1	9.9	23.1	.5	9.9	-
2211	Cotton broadwoven fabrics.....	239	100.0	10.9	19.5	2.5	11.6	12.1	9.9	23.1	.5	9.9	-
222	Man-made fiber and silk broadwoven fabrics.....	167	100.0	24.1	23.8	7.0	6.3	8.5	1.4	3.8	.6	24.5	-
2221	Man-made fiber broadwoven fabrics.....	167	100.0	24.1	23.8	7.0	6.3	8.5	1.4	3.8	.6	24.5	-
23	Apparel, including knit apparel, and other finished textile products.....	278	100.0	8.4	20.1	19.0	6.7	8.3	3.0	9.4	3.5	21.6	-
231	Men's, youths', and boys' clothing.....	51	100.0	9.5	20.0	18.8	3.8	9.9	3.4	7.4	4.7	22.5	-
2311	Men's, youths', and boys' clothing.....	51	100.0	9.5	20.0	18.8	3.8	9.9	3.4	7.4	4.7	22.5	-
233	Women's, misses', girls', and infants' clothing.....	70	100.0	14.2	17.6	13.2	7.3	7.3	4.0	10.0	2.2	24.2	-
2331	Women's, misses', girls', and infants' clothing.....	70	100.0	14.2	17.6	13.2	7.3	7.3	4.0	10.0	2.2	24.2	-
239	Miscellaneous fabricated textile products.....	155	100.0	5.4	21.4	21.7	7.4	8.2	2.4	9.7	3.5	20.3	-
2392	Housefurnishings (except curtains, draperies, tapestries, and lace and embroidered goods).....	95	100.0	5.7	29.8	15.8	6.4	7.7	1.8	11.5	3.0	18.3	-
24	Lumber and wood products, except furniture.....	300	100.0	4.9	33.3	8.6	-	47.3	4.4	1.2	-	.3	-
243	Millwork and prefabricated wood products, including plywood and veneer....	96	100.0	10.0	25.3	21.5	-	26.5	13.1	3.6	-	-	-
25	Furniture and fixtures.....	336	100.0	7.8	26.2	15.4	9.1	13.6	3.1	4.0	5.4	14.6	-
251	Household and office furniture.....	328	100.0	7.8	26.5	15.7	9.4	12.0	3.1	5.0	5.6	14.5	-
2514	Buffets, servers, china and corner closets.....	43	100.0	4.0	12.7	12.4	9.6	6.5	4.6	4.5	8.1	37.6	-
2516	Dressers, vanities, chests of drawers, and beds (except hospital beds).....	163	100.0	10.1	21.7	20.6	5.1	12.1	2.5	6.0	5.0	16.0	-

See footnotes at end of table.

TABLE 3. Percent Distribution of Commodities, by Geographic Division of Destination: 1967--Continued

TCC code	Commodity	Number	Percent distribution by geographic division ¹ of destination										Sampling variability code ³
			All means of transport	New England	Middle Atlantic	East North Central	West North Central	South Atlantic	East South Central	West South Central	Mountain	Pacific ²	
	TON-MILES OF SHIPMENTS--Con.	(millions of ton-miles)											
26	Pulp, paper, and allied products.....	533	100.0	7.9	26.2	28.6	6.7	24.1	2.7	3.8	-	-	-
263	Paperboard, fiberboard, and pulpboard (except insulating board).....	327	100.0	5.9	21.3	30.5	9.4	24.3	3.0	5.6	-	-	-
2631	Paperboard, fiberboard, and pulpboard (except insulating board).....	327	100.0	5.9	21.3	30.5	9.4	24.3	3.0	5.6	-	-	-
265	Containers, boxes and related products, paperboard, fiberboard, and pulpboard.	49	100.0	6.5	15.5	25.5	9.6	37.2	.9	4.5	0.3	-	-
282	Plastic materials and plasticizers, synthetic resins, rubbers, and fibers.	24	100.0	2.1	10.6	5.2	1.8	34.5	.1	28.1	-	17.6	-
2821	Plastic materials and plasticizers, synthetic resins, rubbers, and fibers.	24	100.0	2.1	10.6	5.2	1.8	34.5	.1	28.1	-	17.6	-
30	Rubber and miscellaneous plastics products.....	146	100.0	.8	5.1	2.9	5.5	11.1	.5	.9	.1	73.1	-
306	Miscellaneous fabricated rubber products.....	126	100.0	.6	4.4	2.6	.8	5.7	.3	.9	-	84.7	-
3061	Miscellaneous fabricated rubber products.....	126	100.0	.6	4.4	2.6	.8	5.7	.3	.9	-	84.7	-
32	Stone, clay, and glass products.....	118	100.0	9.3	10.9	9.6	.9	54.6	5.9	3.8	.1	4.9	-
325	Structural clay products.....	87	100.0	9.2	13.5	9.7	-	54.2	6.2	2.8	-	4.4	-
34	Fabricated metal products.....	37	100.0	1.8	21.7	13.2	3.5	25.2	6.2	7.4	.1	20.9	-
35	Machinery, except electrical.....	51	100.0	1.6	11.1	14.8	2.5	21.6	2.5	28.5	1.4	16.0	-
355	Special industry machinery (except metalworking machinery).....	8	100.0	8.7	1.2	37.3	-	30.5	3.6	18.7	-	-	-
3552	Textile machinery.....	7	100.0	9.1	.2	39.2	-	30.6	3.8	17.1	-	-	-
36	Electrical machinery and equipment.....	33	100.0	5.3	16.5	8.7	8.7	21.8	5.7	7.0	9.6	16.7	-
367	Electronic components or accessories...	5	100.0	14.6	6.9	23.3	4.6	6.3	2.1	2.2	8.6	31.4	-
3679	Miscellaneous electronic components and accessories.....	5	100.0	14.6	6.9	23.3	4.6	6.3	2.1	2.2	8.6	31.4	-

¹For States included in the geographic divisions, see map on inside cover.

²Shipments to Alaska and Hawaii from the 48 conterminous States and the District of Columbia are included; no data were obtained for shipments originating in Alaska and Hawaii.

³Code letter indicates a sampling variability range as follows: a, 0-9 percent; b, 10-19 percent; c, 20-29 percent; and d, 30-50 percent. The variability for ton-miles has not been estimated.

OHIO

SUMMARY

The estimates of tons and ton-miles are based on reports from a sample of manufacturing establishments located in the State of Ohio. The total tons and ton-miles represent the total intercity shipments by essentially all manufacturing establishments in the State, except for plants with less than 20 employees. However, since the data are based on a sample, the estimates necessarily are subject to "sampling variability."

The approximate degree of sampling variability for tons for each commodity or commodity class is indicated in the last column of tables 1 to 3. In general, most of the commodity data in this report are subject to substantial sampling variability and should be treated as approximate rather than precise measures.

About 83 million tons of commodities were shipped by plants in this area to destinations

beyond the local area. These shipments generated 24 billion ton-miles by all means of transport combined, and averaged about 284 straight-line miles per ton shipped.

Table B indicates that 33 percent of the tons moved less than 100 miles and that mileage block accounts for only 6 percent of the ton-miles.

Motor carrier is the dominant means of transport, accounting for 45 percent of the total tons shipped. When measured in terms of ton-miles rather than tons, rail becomes dominant, accounting for 50 percent of the total ton-miles.

As shown in table C, almost 63 percent of the total tons shipped by plants in Ohio remained in the North Central Region. However, for some commodity groups (such as Electrical Machinery; and Instruments, Photographic, Optical Goods, etc.) a more widespread distribution is indicated.

Table A. PERCENT DISTRIBUTION OF SHIPMENTS, AND AVERAGE LENGTH OF HAUL, BY MEANS OF TRANSPORT

Means of transport	Tons	Ton-miles	Average length of haul
	(thou-sands)	(millions)	(miles)
All commodities.....	82,763	23,523	-
ALL COMMODITIES			
Percent distribu-tion			
All means of transport.....	100.0	100.0	284
Rail.....	36.1	50.4	397
Motor carrier.....	44.7	35.6	226
Private truck.....	14.5	6.7	131
Air.....	.1	.2	-
Water.....	4.0	6.2	-
All other.....	.6	.9	-

Note: Average length of haul is based on straight-line miles from plant to customer or primary redistribution point, weighted by tonnage shipped (i.e., ton-miles divided by tons). Rail short-line and highway direct-route distances average about 24 and 21 percent, respectively, longer than straight-line distances.

Table B. PERCENT DISTRIBUTION OF SHIPMENTS BY DISTANCE OF SHIPMENT

Distance shipped	Tons	Ton-miles
ALL COMMODITIES		
All distances.....	100.0	100.0
Under 100 miles.....	32.6	6.1
100 to 199 miles.....	21.0	10.6
200 to 299 miles.....	14.7	12.7
300 to 499 miles.....	17.6	23.9
500 to 999 miles.....	9.8	22.7
1,000 to 1,499 miles.....	2.1	8.2
1,500 miles and over.....	2.2	15.8

Table C. PERCENT DISTRIBUTION OF TONS OF COMMODITIES BY REGION OF DESTINATION

TCC code	Commodity class	Tons (thousands)	Percent distribution by region ¹ of destination				
			All des-tinations	North-east	North Central	South	West
	Total.....	² 82,763	100.0	18.7	62.8	16.1	2.4
20	Food and kindred products.....	6,802	100.0	30.1	51.1	17.8	1.0
22	Basic textiles.....	179	100.0	17.2	33.8	44.0	5.0
24	Lumber and wood products, except furniture.....	891	100.0	14.6	59.7	23.3	2.4
25	Furniture and fixtures.....	270	100.0	23.0	43.3	26.7	7.0
26	Pulp, paper, and allied products.....	2,870	100.0	15.3	71.3	12.3	1.1
28	Chemicals and allied products.....	8,471	100.0	22.4	55.8	19.4	2.4
29	Petroleum and coal products.....	6,717	100.0	8.6	76.5	14.8	.1
30	Rubber and miscellaneous plastics products.....	1,965	100.0	18.2	55.5	17.9	8.4
32	Stone, clay, and glass products.....	12,646	100.0	14.6	75.0	9.3	1.1
33	Primary metal products.....	27,735	100.0	18.7	63.3	16.1	1.9
34	Fabricated metal products.....	4,207	100.0	17.6	58.3	19.2	4.9
35	Machinery, except electrical.....	1,982	100.0	21.6	50.8	20.5	7.1
36	Electrical machinery and equipment.....	1,554	100.0	22.4	39.5	25.7	12.4
37	Transportation equipment.....	4,596	100.0	21.6	53.0	19.1	6.3
38	Instruments, photographic goods, optical goods, watches, and clocks.....	31	100.0	37.6	33.9	17.1	11.4

¹See map on inside cover for areas included in the regions of the United States.

²Total includes commodities not shown separately.

TABLE 1. Percent Distribution of Commodities, by Means of Transport: 1967

TCC code	Commodity	Number	Percent distribution by means of transport								Sampling variability code
			All means of transport	Rail	Motor carrier	Private truck	Air	Water	Other	Unknown	
	TONS OF SHIPMENTS	(thousands of tons)									
	Ohio, total.....	82,763	100.0	36.1	44.7	14.5	0.1	4.0	0.3	0.3	-
20	Food and kindred products.....	6,802	100.0	36.7	26.9	36.2	-	-	.1	.1	c
201	Meat, poultry, and small game; fresh, chilled or frozen.....	2,163	100.0	11.3	38.8	49.8	-	-	-	.1	d
2013	Meat products.....	601	100.0	15.1	41.5	43.4	-	-	-	-	d
2014	Animal byproducts, inedible.....	448	100.0	28.9	4.9	65.8	-	-	-	.4	d
202	Dairy products.....	495	100.0	14.0	20.2	65.8	-	-	-	-	d
203	Canned and preserved fruits, vegetables, and seafoods.....	1,254	100.0	66.0	26.9	6.9	-	-	.2	-	c
208	Beverages and flavoring extracts.....	802	100.0	18.3	28.0	53.3	-	.1	-	.3	b
2082	Malt liquors.....	412	100.0	4.4	24.8	70.1	-	.2	-	.5	c
2086	Bottled and canned soft drinks and carbonated, mineral, and plain waters....	205	100.0	-	40.7	59.3	-	-	-	-	c
209	Miscellaneous food preparations and kindred products.....	645	100.0	21.1	36.2	42.7	-	-	-	-	d
22	Basic textiles.....	179	100.0	22.2	49.1	27.5	1.1	-	.1	-	c
229	Miscellaneous basic textiles.....	142	100.0	23.7	43.5	31.3	1.4	-	.1	-	d
24	Lumber and wood products, except furniture.....	891	100.0	24.9	34.1	41.0	-	-	-	-	d
25	Furniture and fixtures.....	270	100.0	23.1	65.9	10.5	-	.3	.1	.1	c
251	Household and office furniture.....	167	100.0	30.9	60.2	8.3	-	.4	.1	.1	c
2512	Tables or desks.....	49	100.0	1.3	89.2	9.5	-	-	-	-	d
2517	Cabinets and cases.....	52	100.0	30.2	68.3	.7	.1	.1	.3	.3	d
254	Partitions, shelving, lockers, and office and store fixtures.....	72	100.0	9.0	89.4	1.4	-	-	.1	.1	d
2542	Metal partitions, shelving, lockers, and office and store fixtures.....	72	100.0	9.0	89.4	1.4	-	-	.1	.1	d
26	Pulp, paper, and allied products.....	2,870	100.0	18.5	53.0	28.1	-	-	.4	-	b
262	Paper (except building paper).....	778	100.0	32.7	55.4	11.0	-	-	.9	-	b
2621	Paper (except building paper).....	778	100.0	32.7	55.4	11.0	-	-	.9	-	b
263	Paperboard, fiberboard, and pulpboard (except insulating board).....	545	100.0	23.9	37.9	38.2	-	-	-	-	c
2631	Paperboard, fiberboard, and pulpboard (except insulating board).....	545	100.0	23.9	37.9	38.2	-	-	-	-	c
264	Converted paper and paperboard products (except containers and boxes)....	193	100.0	17.4	80.4	1.3	.1	-	.8	-	d
2642	Envelopes (except stationery).....	26	100.0	3.7	95.4	.2	-	-	.7	-	d
2645	Die-cut paper and paperboard products (including cardboard).....	2	100.0	7.3	77.7	.3	14.3	-	.4	-	d
265	Containers, boxes and related products, paperboard, fiberboard, and pulpboard.	1,272	100.0	7.3	52.9	39.5	-	-	.3	-	c
2651	Containers, boxes, baskets, pallets and skids, paperboard, fiberboard, and pulpboard.....	1,223	100.0	6.7	53.8	39.2	-	-	.3	-	c
28	Chemicals and allied products.....	8,471	100.0	35.8	41.2	12.7	.1	9.9	.2	.1	b
281	Industrial chemicals.....	2,935	100.0	64.3	15.9	19.5	-	.1	-	.2	b
2818	Miscellaneous industrial organic chemicals.....	317	100.0	61.0	19.8	19.2	-	-	-	-	b
2819	Miscellaneous industrial inorganic chemicals.....	192	100.0	73.7	12.8	13.5	-	-	-	-	c
282	Plastic materials and plasticizers, synthetic resins, rubbers, and fibers.	903	100.0	24.9	70.5	3.6	-	-	.5	.5	b
2821	Plastic materials and plasticizers, synthetic resins, rubbers, and fibers.	903	100.0	24.9	70.5	3.6	-	-	.5	.5	b

See footnote at end of table.

TABLE 1. Percent Distribution of Commodities, by Means of Transport: 1967--Continued

TCC code	Commodity	Number	Percent distribution by means of transport								Sampling variability code ¹
			All means of transport	Rail	Motor carrier	Private truck	Air	Water	Other	Unknown	
	TONS OF SHIPMENTS--Continued	(thousands of tons)									
284	Soap and detergents, cleaning preparations, perfumes, cosmetics, and other toilet preparations.....	843	100.0	28.5	69.1	2.3	-	-	0.1	-	b
2841	Soap and other detergents (except specialty cleansers).....	672	100.0	24.1	72.9	2.9	0.1	-	-	-	c
2842	Specialty cleaning, polishing, and sanitation preparations (except soap and detergents).....	33	100.0	37.8	61.2	.3	-	-	.7	-	c
285	Paints, varnishes, lacquers, enamels, and allied products.....	702	100.0	1.3	89.1	9.1	-	-	.5	-	c
2851	Paints, varnishes, lacquers, enamels, and allied products.....	702	100.0	1.3	89.1	9.1	-	-	.5	-	c
29	Petroleum and coal products.....	6,717	100.0	29.3	35.8	12.3	-	18.8	.3	3.5	c
291	Products of petroleum refining.....	5,080	100.0	20.4	42.3	12.5	-	24.8	-	-	c
2911	Products of petroleum refining (except liquefied petroleum gases and petroleum coke and breeze).....	4,748	100.0	19.2	41.8	12.5	-	26.5	-	-	c
2912	Liquefied petroleum and coal gases.....	333	100.0	36.9	50.2	12.9	-	-	-	-	a
295	Paving and roofing materials.....	431	100.0	15.2	38.9	41.3	-	-	4.6	-	c
2952	Asphalt felt and coatings.....	398	100.0	12.2	38.9	44.0	-	-	4.9	-	d
30	Rubber and miscellaneous plastics products.....	1,965	100.0	19.7	66.2	12.4	.3	-	1.3	.1	b
301	Tires and inner tubes.....	796	100.0	43.6	50.0	5.6	.2	-	.5	.1	a
3011	Tires and inner tubes.....	796	100.0	43.6	50.0	5.6	.2	-	.5	.1	a
306	Miscellaneous fabricated rubber products.....	775	100.0	1.1	83.0	13.0	.4	-	2.4	.1	c
3061	Miscellaneous fabricated rubber products.....	775	100.0	1.1	83.0	13.0	.4	-	2.4	.1	c
307	Miscellaneous plastic products.....	343	100.0	3.6	68.0	27.4	.3	-	.7	-	c
3071	Miscellaneous plastic products.....	343	100.0	3.6	68.0	27.4	.3	-	.7	-	c
32	Stone, clay, and glass products.....	12,646	100.0	22.4	48.7	28.9	-	-	-	-	c
322	Glass and glassware, pressed and blown.	1,184	100.0	44.3	47.7	7.8	-	-	-	.2	d
3229	Glass products (except flat glass and glass containers).....	809	100.0	55.2	33.1	11.4	-	-	-	.3	b
325	Structural clay products.....	4,026	100.0	35.5	34.1	30.4	-	-	-	-	c
3251	Brick and structural clay tile.....	2,242	100.0	34.7	24.2	41.1	-	-	-	-	d
3255	Refractories, clay and nonclay.....	1,139	100.0	51.7	39.1	9.2	-	-	-	-	d
3259	Miscellaneous structural clay products.	482	100.0	11.1	48.4	40.5	-	-	-	-	d
326	Pottery and related products.....	229	100.0	25.1	68.7	6.0	.1	-	.1	-	d
327	Concrete, gypsum, plaster, and plaster products.....	1,236	100.0	30.7	46.0	23.3	-	-	-	-	d
3271	Concrete products.....	597	100.0	1.3	50.4	48.3	-	-	-	-	d
33	Primary metal products.....	27,735	100.0	45.1	45.9	4.5	-	4.3	.2	-	b
331	Steel works and rolling mill products..	23,381	100.0	48.7	44.1	1.9	-	5.1	.2	-	c
3312	Primary iron and steel products (except coke-oven products).....	15,999	100.0	35.5	57.4	2.1	-	4.7	.3	-	b
3315	Steel wire, nails, and spikes.....	291	100.0	14.9	85.0	.1	-	-	-	-	d
332	Iron and steel castings.....	1,756	100.0	24.1	61.9	14.0	-	-	-	-	a
3321	Iron and steel castings.....	1,756	100.0	24.1	61.9	14.0	-	-	-	-	a
333	Nonferrous metals primary smelter products (slab, ingot, pig, etc., and residues).....	773	100.0	39.5	31.6	28.5	-	-	-	.4	c
3334	Primary aluminum smelter products.....	725	100.0	41.8	31.0	26.8	-	-	-	.4	c

See footnote at end of table.

TABLE 1. Percent Distribution of Commodities, by Means of Transport: 1967--Continued

TCC code	Commodity	Number	Percent distribution by means of transport								Sampling variability code ¹
			All means of transport	Rail	Motor carrier	Private truck	Air	Water	Other	Unknown	
	TONS OF SHIPMENTS--Continued	(thousands of tons)									
335	Nonferrous metal basic shapes.....	821	100.0	21.5	45.6	31.7	-	0.5	0.7	-	c
3351	Copper, brass, bronze, and other copper base alloy basic shapes.....	92	100.0	16.8	77.9	.9	-	-	4.4	-	b
336	Nonferrous and nonferrous base alloy castings.....	228	100.0	1.8	84.9	13.1	0.2	-	-	-	c
3361	Aluminum and aluminum base alloy castings.....	143	100.0	-	90.9	8.8	.3	-	-	-	c
3369	Miscellaneous nonferrous metal castings	70	100.0	5.8	69.3	24.9	-	-	-	-	d
339	Miscellaneous primary metal products...	776	100.0	26.1	68.9	4.7	.1	-	.2	-	c
3391	Iron and steel forgings.....	472	100.0	41.4	53.0	5.6	-	-	-	-	b
34	Fabricated metal products.....	4,207	100.0	30.2	56.5	11.1	.2	1.3	.7	-	b
341	Metal cans.....	137	100.0	34.4	46.3	19.3	-	-	-	-	d
3411	Metal cans.....	137	100.0	34.4	46.3	19.3	-	-	-	-	d
342	Cutlery, hand tools, and general hardware.....	228	100.0	16.1	48.8	34.5	.4	-	.2	-	d
3428	Builders' and cabinet hardware and fireplace equipment.....	8	100.0	2.3	97.1	.3	-	-	.3	-	d
343	Plumbing fixtures and heating apparatus (except electric).....	176	100.0	22.2	68.1	9.5	.1	-	.1	-	d
3432	Plumbing fixture fittings (brass goods) and trim.....	58	100.0	23.1	68.8	8.0	-	-	.1	-	d
3433	Heating equipment (except electric)....	50	100.0	5.6	88.5	5.5	.3	-	.1	-	d
344	Structural and miscellaneous metal products.....	1,165	100.0	21.2	60.4	12.7	-	4.6	1.0	0.1	d
3443	Fabricated plate products (boiler shop products).....	382	100.0	32.6	60.9	3.5	-	-	3.0	-	d
345	Bolts, nuts, screws, rivets, washers, and other industrial fasteners.....	307	100.0	6.6	86.5	6.3	.3	-	.3	-	d
3452	Bolts, nuts, screws, rivets, washers, and other industrial fasteners.....	307	100.0	6.6	86.5	6.3	.3	-	.3	-	d
346	Metal stampings.....	1,511	100.0	49.1	45.7	4.2	.1	-	.9	-	c
3461	Metal stampings.....	1,511	100.0	49.1	45.7	4.2	.1	-	.9	-	c
349	Miscellaneous fabricated metal products	614	100.0	20.5	62.5	15.8	.9	-	.3	-	d
3494	Valves and pipe fittings (except plumbers' brass goods and fittings)...	98	100.0	18.2	76.2	4.8	.1	-	.7	-	d
3499	Fabricated metal products, n.e.c.....	204	100.0	19.1	56.0	22.2	2.4	-	.3	-	d
35	Machinery, except electrical.....	1,982	100.0	23.9	63.3	9.9	.4	.2	2.3	-	a
351	Engines and turbines.....	7	100.0	39.0	52.4	6.9	.6	-	1.1	-	c
3511	Steam engines and turbines and steam turbine generator sets.....	2	100.0	-	98.6	1.4	-	-	-	-	d
352	Farm machinery and equipment.....	231	100.0	26.4	38.8	34.7	-	-	.1	-	d
3522	Farm machinery and equipment.....	231	100.0	26.4	38.8	34.7	-	-	.1	-	d
353	Construction, mining, and materials handling machinery and equipment.....	496	100.0	38.4	56.6	4.2	.3	.1	.3	.1	b
3531	Construction machinery and equipment...	233	100.0	34.4	59.3	5.0	.6	.3	.2	.2	d
3536	Hoists, industrial cranes, and monorail systems.....	118	100.0	67.4	31.7	.8	-	-	.1	-	b
3537	Industrial trucks, tractors, trailers, stackers, and metal skids, pallets, and platforms.....	83	100.0	17.7	75.9	5.4	.1	-	.9	-	b
354	Metalworking machinery and equipment...	298	100.0	17.3	63.0	4.9	1.0	.7	13.1	-	b
3541	Machine tools, metal cutting types.....	102	100.0	11.8	48.2	1.0	.9	-	38.1	-	c
3542	Machine tools, metal forming types.....	34	100.0	30.6	67.8	.4	-	1.2	-	-	c
3544	Special dies and tools, die sets, jigs, fixtures, and industrial molds and patterns.....	22	100.0	-	92.1	7.1	.6	-	.1	.1	c

See footnote at end of table.

TABLE 1. Percent Distribution of Commodities, by Means of Transport: 1967--Continued

TCC code	Commodity	Number	Percent distribution by means of transport								Sampling variability code ¹
			All means of transport	Rail	Motor carrier	Private truck	Air	Water	Other	Unknown	
	TONS OF SHIPMENTS--Continued	(thousands of tons)									
3545	Machine tool accessories, measuring tools, and measuring devices.....	44	100.0	0.1	82.2	12.4	4.5	-	0.8	-	d
3548	Metalworking machinery (except machine tools).....	97	100.0	30.0	61.5	6.6	-	1.8	.1	-	b
355	Special industry machinery (except metalworking machinery).....	198	100.0	22.4	73.4	3.1	.4	.1	.6	-	c
3559	Miscellaneous special industry machinery.....	135	100.0	31.0	64.0	4.6	.4	-	-	-	d
356	General industrial machinery and equipment.....	329	100.0	6.4	75.1	18.0	.3	-	.2	-	d
3561	Pumps, air and gas compressors, and measuring and dispensing pumps, also pumping equipment.....	47	100.0	.8	87.7	10.3	.7	-	.5	-	d
3562	Ball and roller bearings.....	77	100.0	-	42.8	56.6	.1	-	.5	-	d
3566	Mechanical power transmission equipment, except ball and roller bearings.....	6	100.0	-	98.4	1.1	.3	-	.2	-	d
357	Office, computing, and accounting machines.....	56	100.0	11.6	85.9	-	1.1	-	1.4	-	b
358	Service industry machines.....	252	100.0	35.7	61.0	2.7	-	-	.5	0.1	b
3585	Refrigerators and refrigeration machinery (except household), and complete air-conditioning units.....	240	100.0	37.6	59.3	2.8	-	-	.2	.1	b
3589	Miscellaneous service industry machines	12	100.0	.2	92.2	.2	.2	.2	7.0	-	c
359	Miscellaneous machinery and parts (except electrical).....	115	100.0	5.3	86.6	7.0	.6	-	.5	-	d
3599	Miscellaneous machinery and parts (except electrical).....	115	100.0	5.3	86.6	7.0	.6	-	.5	-	d
36	Electrical machinery and equipment.....	1,554	100.0	42.2	42.7	13.0	.5	.5	.9	.2	a
362	Electrical industrial apparatus.....	305	100.0	5.7	63.4	30.1	.2	-	.3	.3	c
3621	Motors and generators.....	209	100.0	.4	61.9	37.3	.2	.1	.1	-	d
363	Household appliances.....	733	100.0	73.9	23.6	.8	.1	1.0	.4	.2	a
3631	Household cooking equipment, all types.....	67	100.0	68.2	31.0	.4	.2	-	.2	-	b
364	Electric lighting and wiring equipment.....	227	100.0	24.0	42.0	32.1	.5	-	1.3	.1	c
3642	Lighting fixtures.....	84	100.0	23.4	71.2	2.9	.4	-	2.0	.1	d
367	Electronic components or accessories.....	48	100.0	23.6	66.1	1.0	5.2	-	4.1	-	c
369	Miscellaneous electrical machinery, equipment, and supplies.....	78	100.0	2.5	92.3	1.8	.3	-	3.1	-	d
3699	Electrical machinery, equipment, and supplies, n.e.c.....	7	100.0	8.6	77.4	12.1	1.4	-	.5	-	d
37	Transportation equipment.....	4,596	100.0	53.3	43.5	2.5	.3	-	.1	.3	a
371	Motor vehicles and motor vehicle equipment.....	4,264	100.0	54.4	43.1	1.9	.2	-	.1	.3	a
3711	Motor vehicles.....	1,372	100.0	66.2	33.8	-	-	-	-	-	a
3714	Motor vehicle parts and accessories.....	2,757	100.0	51.1	45.7	2.4	.3	-	.1	.4	a
3729	Aircraft parts and equipment, n.e.c....	19	100.0	1.7	76.3	.2	14.5	-	7.3	-	d
374	Railroad equipment.....	162	100.0	69.7	30.1	.2	-	-	-	-	d
38	Instruments, photographic goods, optical goods, watches, and clocks.....	31	100.0	.3	95.8	.2	1.1	-	2.6	-	c
3999	Manufactured products, n.e.c.....	2	100.0	-	10.6	30.3	-	-	1.0	58.1	d

See footnote at end of table.

TABLE 1. Percent Distribution of Commodities, by Means of Transport: 1967--Continued

TCC code	Commodity	Number	Percent distribution by means of transport								Sampling variability code ¹
			All means of transport	Rail	Motor carrier	Private truck	Air	Water	Other	Unknown	
	TON-MILES OF SHIPMENTS	(millions of ton-miles)									
	Ohio, Total.....	23,523	100.0	50.4	35.6	6.7	0.2	6.2	0.6	0.3	-
20	Food and kindred products.....	1,904	100.0	45.4	34.2	20.0	-	.2	.1	.1	-
201	Meat, poultry, and small game; fresh, chilled or frozen.....	657	100.0	13.0	59.4	27.5	-	-	-	.1	-
2013	Meat products.....	112	100.0	31.2	42.8	26.0	-	-	-	-	-
2014	Animal byproducts, inedible.....	71	100.0	49.6	9.5	40.1	-	-	-	.8	-
202	Dairy products.....	91	100.0	20.1	33.9	46.0	-	-	-	-	-
203	Canned and preserved fruits, vegetables, and seafoods.....	386	100.0	67.4	27.9	4.5	.1	-	.1	-	-
208	Beverages and flavoring extracts.....	223	100.0	54.1	16.8	26.6	-	2.0	-	.5	-
2082	Malt liquors.....	59	100.0	13.4	27.5	49.7	-	7.7	-	1.7	-
2086	Bottled and canned soft drinks and carbonated, mineral, and plain waters.	20	100.0	-	18.5	81.5	-	-	-	-	-
209	Miscellaneous food preparations and kindred products.....	175	100.0	28.5	40.1	31.4	-	-	-	-	-
22	Basic textiles.....	74	100.0	21.1	45.9	31.2	1.7	-	.1	-	-
229	Miscellaneous basic textiles.....	56	100.0	22.5	39.9	35.2	2.3	-	.1	-	-
24	Lumber and wood products, except furniture.....	274	100.0	57.4	27.2	15.4	-	-	-	-	-
25	Furniture and fixtures.....	142	100.0	36.4	58.0	3.1	-	2.3	.1	.1	-
251	Household and office furniture.....	95	100.0	42.3	52.0	2.1	-	3.5	.1	-	-
2512	Tables or desks.....	19	100.0	5.1	91.4	3.5	-	-	-	-	-
2517	Cabinets and cases.....	45	100.0	46.7	52.4	.2	.1	.3	.2	.1	-
254	Partitions, shelving, lockers, and office and store fixtures.....	38	100.0	19.6	78.8	1.4	-	-	.1	.1	-
2542	Metal partitions, shelving, lockers, and office and store fixtures.....	38	100.0	19.6	78.8	1.4	-	-	.1	.1	-
26	Pulp, paper, and allied products.....	670	100.0	37.3	49.8	12.4	-	-	.5	-	-
262	Paper (except building paper).....	282	100.0	49.0	47.1	3.0	-	-	.8	.1	-
2621	Paper (except building paper).....	282	100.0	49.0	47.1	3.0	-	-	.8	.1	-
263	Paperboard, fiberboard, and pulpboard (except insulating board).....	117	100.0	45.0	28.7	26.3	-	-	-	-	-
2631	Paperboard, fiberboard, and pulpboard (except insulating board).....	117	100.0	45.0	28.7	26.3	-	-	-	-	-
264	Converted paper and paperboard products (except containers and boxes)....	75	100.0	15.7	82.9	.5	.2	-	.7	-	-
2642	Envelopes (except stationery).....	7	100.0	5.9	93.2	-	-	-	.9	-	-
2645	Die-cut paper and paperboard products (including cardboard).....	1	100.0	18.5	69.0	-	11.6	-	.9	-	-
265	Containers, boxes and related products, paperboard, fiberboard, and pulpboard.	182	100.0	22.3	54.4	23.1	-	-	.2	-	-
2651	Containers, boxes, baskets, pallets and skids, paperboard, fiberboard, and pulpboard.....	168	100.0	20.6	55.4	23.8	-	-	.2	-	-
28	Chemicals and allied products.....	2,633	100.0	49.5	32.0	6.4	.3	11.6	.2	-	-
281	Industrial chemicals.....	909	100.0	82.0	9.0	7.3	-	1.7	-	-	-
2818	Miscellaneous industrial organic chemicals.....	91	100.0	65.3	16.6	18.1	-	-	-	-	-
2819	Miscellaneous industrial inorganic chemicals.....	39	100.0	85.5	10.3	4.1	.1	-	-	-	-
282	Plastic materials and plasticizers, synthetic resins, rubbers, and fibers.	333	100.0	35.6	58.6	5.1	-	-	.6	.1	-
2821	Plastic materials and plasticizers, synthetic resins, rubbers, and fibers.	333	100.0	35.6	58.6	5.1	-	-	.6	.1	-

See footnote at end of table.

TABLE 1. Percent Distribution of Commodities, by Means of Transport: 1967--Continued

TCC code	Commodity	Number	Percent distribution by means of transport								Sampling variability code ¹
			All means of transport	Rail	Motor carrier	Private truck	Air	Water	Other	Unknown	
	TON-MILES OF SHIPMENTS--Continued	(millions of ton-miles)									
284	Soap and detergents, cleaning preparations, perfumes, cosmetics, and other toilet preparations.....	333	100.0	48.4	50.1	1.0	0.1	0.1	0.3	-	-
2841	Soap and other detergents (except specialty cleansers).....	217	100.0	37.7	60.4	1.5	.1	-	.3	-	-
2842	Specialty cleaning, polishing, and sanitation preparations (except soap and detergents).....	19	100.0	62.6	37.3	-	-	-	.1	-	-
285	Paints, varnishes, lacquers, enamels, and allied products.....	223	100.0	1.9	91.9	5.7	-	-	.5	-	-
2851	Paints, varnishes, lacquers, enamels, and allied products.....	223	100.0	1.9	91.9	5.7	-	-	.5	-	-
29	Petroleum and coal products.....	837	100.0	47.9	23.4	7.2	-	15.2	.1	6.2	-
291	Products of petroleum refining.....	523	100.0	37.9	30.2	7.6	-	24.3	-	-	-
2911	Products of petroleum refining (except liquefied petroleum gases and petroleum coke and breeze).....	487	100.0	36.9	29.9	7.1	-	26.1	-	-	-
2912	Liquefied petroleum and coal gases.....	36	100.0	52.1	33.7	14.2	-	-	-	-	-
295	Paving and roofing materials.....	71	100.0	33.1	42.1	23.8	-	-	1.0	-	-
2952	Asphalt felt and coatings.....	64	100.0	31.4	42.8	24.7	-	-	1.1	-	-
30	Rubber and miscellaneous plastics products.....	874	100.0	31.2	59.1	4.7	.5	-	4.4	.1	-
301	Tires and inner tubes.....	438	100.0	59.5	36.3	3.0	.3	-	.8	.1	-
3011	Tires and inner tubes.....	438	100.0	59.5	36.3	3.0	.3	-	.8	.1	-
306	Miscellaneous fabricated rubber products.....	286	100.0	.5	81.8	5.3	.5	-	11.8	.1	-
3061	Miscellaneous fabricated rubber products.....	286	100.0	.5	81.8	5.3	.5	-	11.8	.1	-
307	Miscellaneous plastic products.....	137	100.0	5.5	83.1	9.3	.7	.3	1.1	-	-
3071	Miscellaneous plastic products.....	137	100.0	5.5	83.1	9.3	.7	.3	1.1	-	-
32	Stone, clay, and glass products.....	2,494	100.0	49.0	38.1	12.8	-	-	.1	-	-
322	Glass and glassware, pressed and blown	529	100.0	67.0	31.4	1.4	-	-	-	.2	-
3229	Glass products (except flat glass and glass containers).....	409	100.0	76.2	21.8	1.8	-	-	-	.2	-
325	Structural clay products.....	845	100.0	55.3	27.4	17.3	-	-	-	-	-
3251	Brick and structural clay tile.....	401	100.0	62.4	14.0	23.6	-	-	-	-	-
3255	Refractories, clay and nonclay.....	264	100.0	64.3	30.1	5.5	-	-	.1	-	-
3259	Miscellaneous structural clay products.....	118	100.0	32.2	36.4	31.4	-	-	-	-	-
326	Pottery and related products.....	130	100.0	40.3	56.6	3.0	.1	-	-	-	-
327	Concrete, gypsum, plaster, and plaster products.....	297	100.0	68.1	27.0	4.9	-	-	-	-	-
3271	Concrete products.....	61	100.0	4.1	71.8	24.1	-	-	-	-	-
33	Primary metal products.....	7,984	100.0	54.7	30.6	2.4	-	12.2	.1	-	-
331	Steel works and rolling mill products..	6,791	100.0	56.4	28.4	1.0	-	14.1	.1	-	-
3312	Primary iron and steel products (except coke-oven products).....	4,653	100.0	45.0	37.8	1.2	-	15.9	.1	-	-
3315	Steel wire, nails, and spikes.....	60	100.0	21.8	78.0	.1	.1	-	-	-	-
332	Iron and steel castings.....	334	100.0	43.2	47.3	9.5	-	-	-	-	-
3321	Iron and steel castings.....	334	100.0	43.2	47.3	9.5	-	-	-	-	-
333	Nonferrous metals primary smelter products (slab, ingot, pig, etc., and residues).....	228	100.0	67.9	19.1	12.6	-	-	-	.4	-
3334	Primary aluminum smelter products.....	221	100.0	69.6	18.4	11.6	-	-	-	.4	-

See footnote at end of table.

TABLE 1. Percent Distribution of Commodities, by Means of Transport: 1967--Continued

TCC code	Commodity	Number	Percent distribution by means of transport								Sampling variability code ¹
			All means of transport	Rail	Motor carrier	Pri- vate truck	Air	Water	Other	Un- known	
	TON-MILES OF SHIPMENTS--Continued	(millions of ton-miles)									
335	Nonferrous metal basic shapes.....	391	100.0	44.8	35.0	14.1	0.1	5.2	0.8	-	-
3351	Copper, brass, bronze, and other copper base alloy basic shapes.....	42	100.0	36.4	60.1	1.8	-	-	1.7	-	-
336	Nonferrous and nonferrous base alloy castings.....	65	100.0	.9	89.5	8.9	.5	.1	.1	-	-
3361	Aluminum and aluminum base alloy castings.....	38	100.0	-	95.7	3.4	.8	-	.1	-	-
3369	Miscellaneous nonferrous metal castings	22	100.0	2.6	76.7	20.3	.1	.3	-	-	-
339	Miscellaneous primary metal products...	174	100.0	29.9	66.3	3.1	.4	-	.3	-	-
3391	Iron and steel forgings.....	98	100.0	40.8	55.3	3.8	.1	-	-	-	-
34	Fabricated metal products.....	1,518	100.0	44.8	47.6	5.7	.5	1.1	.3	-	-
341	Metal cans.....	40	100.0	51.1	42.1	6.8	-	-	-	-	-
3411	Metal cans.....	40	100.0	51.1	42.1	6.8	-	-	-	-	-
342	Cutlery, hand tools, and general hardware.....	106	100.0	21.5	50.2	27.3	.7	-	.3	-	-
3428	Builders' and cabinet hardware and fireplace equipment.....	5	100.0	3.1	96.5	.2	-	-	.2	-	-
343	Plumbing fixtures and heating apparatus (except electric).....	103	100.0	43.6	46.6	9.6	.1	-	.1	-	-
3432	Plumbing fixture fittings (brass goods) and trim.....	27	100.0	48.5	47.7	3.7	-	-	.1	-	-
3433	Heating equipment (except electric)....	28	100.0	20.2	75.1	4.1	.5	-	.1	-	-
344	Structural and miscellaneous metal products.....	447	100.0	37.5	55.9	2.6	.1	3.6	.2	0.1	-
3443	Fabricated plate products (boiler shop products).....	191	100.0	40.0	58.9	.5	.1	-	.5	-	-
345	Bolts, nuts, screws, rivets, washers, and other industrial fasteners.....	100	100.0	12.4	82.5	3.8	1.0	-	.3	-	-
3452	Bolts, nuts, screws, rivets, washers, and other industrial fasteners.....	100	100.0	12.4	82.5	3.8	1.0	-	.3	-	-
346	Metal stampings.....	482	100.0	66.0	29.9	3.6	.2	-	.3	-	-
3461	Metal stampings.....	482	100.0	66.0	29.9	3.6	.2	-	.3	-	-
349	Miscellaneous fabricated metal products	223	100.0	40.4	52.1	4.9	2.1	-	.5	-	-
3494	Valves and pipe fittings (except plumbers' brass goods and fittings)...	59	100.0	42.5	54.6	2.0	.2	-	.7	-	-
3499	Fabricated metal products, n.e.c.....	87	100.0	41.4	47.1	6.4	4.4	-	.7	-	-
35	Machinery, except electrical.....	891	100.0	35.3	55.3	4.6	.7	.8	3.2	.1	-
351	Engines and turbines.....	5	100.0	59.4	37.3	1.6	.6	-	1.1	-	-
3511	Steam engines and turbines and steam turbine generator sets.....	1	100.0	-	99.9	.1	-	-	-	-	-
352	Farm machinery and equipment.....	93	100.0	44.3	40.0	15.6	-	-	.1	-	-
3522	Farm machinery and equipment.....	93	100.0	44.3	40.0	15.6	-	-	.1	-	-
353	Construction, mining, and materials handling machinery and equipment.....	271	100.0	47.0	48.7	2.6	.3	1.1	.3	-	-
3531	Construction machinery and equipment..	160	100.0	48.6	47.0	2.0	.4	1.8	.1	.1	-
3536	Hoists, industrial cranes, and monorail systems.....	52	100.0	70.3	29.4	.2	-	-	.1	-	-
3537	Industrial trucks, tractors, trailers, stackers, and metal skids, pallets, and platforms.....	34	100.0	17.2	73.2	7.9	.1	-	1.6	-	-
354	Metalworking machinery and equipment...	123	100.0	18.5	57.1	.9	2.1	2.3	19.1	-	-
3541	Machine tools, metal cutting types.....	58	100.0	15.6	42.2	.3	1.9	-	40.0	-	-
3542	Machine tools, metal forming types.....	15	100.0	42.9	44.3	.5	-	12.3	-	-	-
3544	Special dies and tools, die sets, jigs, fixtures, and industrial molds and patterns.....	5	100.0	-	96.9	1.8	1.1	-	.1	.1	-

See footnote at end of table.

TABLE 1. Percent Distribution of Commodities, by Means of Transport: 1967--Continued

TCC code	Commodity	Number	Percent distribution by means of transport								Sampling variability code ¹
			All means of transport	Rail	Motor carrier	Private truck	Air	Water	Other	Unknown	
	TON-MILES OF SHIPMENTS--Continued	(millions of ton-miles)									
3545	Machine tool accessories, measuring tools, and measuring devices.....	13	100.0	0.5	86.6	1.2	10.2	-	1.5	-	-
3548	Metalworking machinery (except machine tools).....	32	100.0	23.0	71.4	2.0	-	3.2	.3	0.1	-
355	Special industry machinery (except metalworking machinery).....	104	100.0	26.7	66.2	4.4	.6	.9	1.2	-	-
3559	Miscellaneous special industry machinery.....	68	100.0	37.0	55.6	6.7	.7	-	-	-	-
356	General industrial machinery and equipment.....	118	100.0	7.9	82.3	8.8	.6	-	.4	-	-
3561	Pumps, air and gas compressors, and measuring and dispensing pumps, also pumping equipment.....	24	100.0	1.7	82.1	14.5	1.0	.1	.6	-	-
3562	Ball and roller bearings.....	13	100.0	-	72.4	25.8	.1	-	1.7	-	-
3566	Mechanical power transmission equipment, except ball and roller bearings.	3	100.0	-	98.2	.8	.7	-	.3	-	-
357	Office, computing, and accounting machines.....	25	100.0	20.6	73.8	-	2.1	-	3.5	-	-
358	Service industry machines.....	125	100.0	60.7	35.9	1.9	.1	-	1.1	.3	-
3585	Refrigerators and refrigeration machinery (except household), and complete air-conditioning units.....	119	100.0	63.7	33.8	1.9	-	-	.2	.4	-
3589	Miscellaneous service industry machines	6	100.0	.2	78.5	-	.8	1.0	19.5	-	-
359	Miscellaneous machinery and parts (except electrical).....	29	100.0	9.9	83.2	3.3	2.0	-	1.6	-	-
3599	Miscellaneous machinery and parts (except electrical).....	29	100.0	9.9	83.2	3.3	2.0	-	1.6	-	-
36	Electrical machinery and equipment.....	882	100.0	56.6	30.6	9.6	.7	1.0	1.4	.1	-
362	Electrical industrial apparatus.....	107	100.0	11.5	65.3	21.0	.6	.5	.7	.4	-
3621	Motors and generators.....	59	100.0	.1	68.1	30.1	.5	.9	.3	-	-
363	Household appliances.....	467	100.0	83.6	13.4	.2	.2	1.7	.8	.1	-
3631	Household cooking equipment, all types.	43	100.0	78.8	20.3	.2	.1	-	.6	-	-
364	Electric lighting and wiring equipment.	140	100.0	31.4	31.4	34.9	.6	-	1.6	.1	-
3642	Lighting fixtures.....	56	100.0	45.4	49.4	1.6	.5	.1	2.9	.1	-
367	Electronic components or accessories...	26	100.0	27.2	62.5	.4	7.0	-	2.9	-	-
369	Miscellaneous electrical machinery, equipment, and supplies.....	29	100.0	5.1	84.9	1.4	.8	.1	7.7	-	-
3699	Electrical machinery, equipment, and supplies, n.e.c.....	4	100.0	25.9	65.8	4.6	3.1	-	.6	-	-
37	Transportation equipment.....	953	100.0	69.7	27.6	1.6	.5	-	.3	.3	-
371	Motor vehicles and motor vehicle equipment.....	1,814	100.0	71.4	26.8	1.1	.3	-	.1	.3	-
3711	Motor vehicles.....	703	100.0	83.3	16.7	-	-	-	-	-	-
3714	Motor vehicle parts and accessories....	1,081	100.0	65.3	32.0	1.5	.6	-	.1	.5	-
3729	Aircraft parts and equipment, n.e.c....	20	100.0	1.1	72.5	-	14.3	.1	12.0	-	-
374	Railroad equipment.....	62	100.0	91.1	8.9	-	-	-	-	-	-
38	Instruments, photographic goods, optical goods, watches, and clocks.....	17	100.0	.2	95.0	.2	1.3	.1	3.2	-	-
3999	Manufactured products, n.e.c.....	1	100.0	-	7.0	12.4	-	-	1.0	79.6	-

¹Code letter indicates a sampling variability range as follows: a, 0-9 percent; b, 10-19 percent; c, 20-29 percent; and d, 30-50 percent. The variability for ton-miles has not been estimated.

TABLE 2. Percent Distribution of Commodities, by Distance of Shipment: 1967

TCC code	Commodity	Number	Percent distribution by distance of shipment								Sampling variability code ¹
			All distances	Under 100 miles	100 to 199 miles	200 to 299 miles	300 to 499 miles	500 to 999 miles	1,000 to 1,499 miles	1,500 miles or over	
	TONS OF SHIPMENTS	(thousands of tons)									
	Ohio, total.....	82,763	100.0	32.6	21.0	14.7	17.6	9.8	2.1	2.2	-
20	Food and kindred products.....	6,802	100.0	28.5	22.6	13.5	16.8	17.0	.7	.9	c
201	Meat, poultry, and small game; fresh, chilled or frozen.....	2,163	100.0	31.5	15.8	8.6	14.1	29.9	.1	-	d
2013	Meat products.....	601	100.0	35.8	30.1	20.8	4.3	9.0	-	-	d
2014	Animal byproducts, inedible.....	448	100.0	64.3	1.4	2.3	30.7	1.3	-	-	d
202	Dairy products.....	495	100.0	43.4	28.3	7.8	11.8	8.1	.1	.5	d
203	Canned and preserved fruits, vegetables, and seafoods.....	1,254	100.0	17.7	27.8	17.5	25.1	7.6	2.6	1.7	c
208	Beverages and flavoring extracts.....	802	100.0	38.7	28.4	10.4	6.1	11.1	.9	4.4	b
2082	Malt liquors.....	412	100.0	40.6	43.3	10.7	3.0	1.8	.4	.2	c
2086	Bottled and canned soft drinks and carbonated, mineral, and plain waters.	205	100.0	66.2	22.3	6.9	4.0	.6	-	-	c
209	Miscellaneous food preparations and kindred products.....	645	100.0	20.6	15.6	33.2	18.2	11.4	.7	.3	d
22	Basic textiles.....	179	100.0	10.5	6.7	21.5	37.3	18.8	2.0	3.2	c
229	Miscellaneous basic textiles.....	142	100.0	12.0	7.2	26.4	36.2	13.7	.4	4.1	d
24	Lumber and wood products, except furniture.....	891	100.0	31.2	21.2	9.9	25.8	3.6	5.9	2.4	d
25	Furniture and fixtures.....	270	100.0	12.1	16.3	13.8	18.7	25.9	6.3	6.9	c
251	Household and office furniture.....	167	100.0	8.5	9.8	16.5	19.1	31.5	7.9	6.7	c
2512	Tables or desks.....	49	100.0	13.2	13.9	14.3	22.1	32.6	1.8	2.1	d
2517	Cabinets and cases.....	52	100.0	2.7	1.5	7.4	19.9	29.9	22.7	15.9	d
254	Partitions, shelving, lockers, and office and store fixtures.....	72	100.0	10.7	19.6	12.7	25.3	18.0	4.3	9.4	d
2542	Metal partitions, shelving, lockers, and office and store fixtures.....	72	100.0	10.7	19.6	12.7	25.3	18.0	4.3	9.4	d
26	Pulp, paper, and allied products.....	2,870	100.0	41.3	17.2	13.0	15.4	11.9	.2	1.0	b
262	Paper (except building paper).....	778	100.0	18.6	14.0	13.7	24.8	27.1	.2	1.6	b
2621	Paper (except building paper).....	778	100.0	18.6	14.0	13.7	24.8	27.1	.2	1.6	b
263	Paperboard, fiberboard, and pulpboard (except insulating board).....	545	100.0	36.5	14.7	22.9	17.5	8.1	.3	-	c
2631	Paperboard, fiberboard, and pulpboard (except insulating board).....	545	100.0	36.5	14.7	22.9	17.5	8.1	.3	-	c
264	Converted paper and paperboard products (except containers and boxes)....	193	100.0	17.0	20.4	17.4	25.6	12.7	.3	6.6	d
2642	Envelopes (except stationery).....	26	100.0	24.4	9.7	22.0	29.9	13.0	.1	.9	d
2645	Die-cut paper and paperboard products (including cardboard).....	2	100.0	1.6	32.7	5.5	20.9	14.6	7.9	16.8	d
265	Containers, boxes and related products, paperboard, fiberboard, and pulpboard.	1,272	100.0	59.9	20.0	7.2	7.5	4.9	.1	.4	c
2651	Containers, boxes, baskets, pallets and skids, paperboard, fiberboard, and pulpboard.....	1,223	100.0	61.3	19.7	7.2	6.9	4.4	.1	.4	c
28	Chemicals and allied products.....	8,471	100.0	23.5	19.9	13.1	30.8	9.6	.6	2.3	b
281	Industrial chemicals.....	2,935	100.0	27.0	23.9	11.3	25.8	8.6	.7	2.7	b
2818	Miscellaneous industrial organic chemicals.....	317	100.0	7.7	42.0	19.0	21.7	7.3	.1	2.2	d
2819	Miscellaneous industrial inorganic chemicals.....	192	100.0	39.6	16.0	6.9	21.9	5.6	-	-	c
282	Plastic materials and plasticizers, synthetic resins, rubbers, and fibers.	903	100.0	18.0	15.6	15.3	31.9	13.9	2.5	2.8	b
2821	Plastic materials and plasticizers, synthetic resins, rubbers, and fibers.	903	100.0	18.0	15.6	15.3	31.9	13.9	2.5	2.8	b

See footnote at end of table.

TABLE 2. Percent Distribution of Commodities, by Distance of Shipment: 1967--Continued

TCC code	Commodity	Number	Percent distribution by distance of shipment								Sampling variability code ¹
			All distances	Under 100 miles	100 to 199 miles	200 to 299 miles	300 to 499 miles	500 to 999 miles	1,000 to 1,499 miles	1,500 miles or over	
	TONS OF SHIPMENTS--Continued	(thousands of tons)									
284	Soap and detergents, cleaning preparations, perfumes, cosmetics, and other toilet preparations.....	843	100.0	12.0	12.3	30.8	21.7	18.1	0.5	4.6	b
2841	Soap and other detergents, (except specialty cleansers).....	672	100.0	13.9	13.9	36.4	20.1	13.6	.2	1.9	c
2842	Specialty cleaning, polishing, and sanitation preparations (except soap and detergents).....	33	100.0	10.3	8.1	14.8	13.1	42.3	3.7	7.7	c
285	Paints, varnishes, lacquers, enamels, and allied products.....	702	100.0	17.5	32.4	12.8	19.9	13.1	2.4	1.9	c
2851	Paints, varnishes, lacquers, enamels, and allied products.....	702	100.0	17.5	32.4	12.8	19.9	13.1	2.4	1.9	c
29	Petroleum and coal products.....	6,717	100.0	61.6	23.6	9.6	3.5	1.1	.5	.1	c
291	Products of petroleum refining.....	5,080	100.0	75.7	12.6	7.1	3.1	.8	.6	.1	c
2911	Products of petroleum refining (except liquefied petroleum gases and petroleum coke and breeze).....	4,748	100.0	75.4	12.8	7.2	3.2	.6	.6	.2	c
2912	Liquefied petroleum and coal gases.....	333	100.0	78.7	10.1	4.9	1.7	4.6	-	-	a
295	Paving and roofing materials.....	431	100.0	44.7	31.0	8.9	8.5	6.3	.3	.3	c
2952	Asphalt felt and coatings.....	398	100.0	45.0	31.2	9.0	7.8	6.5	.2	.3	d
30	Rubber and miscellaneous plastics products.....	1,965	100.0	18.3	21.6	11.6	24.1	14.0	2.6	7.8	b
301	Tires and inner tubes.....	796	100.0	16.8	14.8	6.0	27.8	19.3	3.5	11.3	a
3011	Tires and inner tubes.....	796	100.0	16.8	14.8	6.0	27.8	19.8	3.5	11.3	a
306	Miscellaneous fabricated rubber products.....	775	100.0	18.7	27.4	18.0	20.0	9.0	.8	6.1	c
3061	Miscellaneous fabricated rubber products.....	775	100.0	18.7	27.4	18.0	20.0	9.0	.8	6.1	c
307	Miscellaneous plastic products.....	343	100.0	23.5	19.7	9.2	25.9	12.0	4.8	4.9	c
3071	Miscellaneous plastic products.....	343	100.0	23.5	19.7	9.2	25.9	12.0	4.8	4.9	c
32	Stone, clay, and glass products.....	12,646	100.0	47.4	22.6	9.4	13.5	5.2	.8	1.1	c
322	Glass and glassware, pressed and blown.	1,184	100.0	16.9	16.9	8.0	36.0	14.6	1.0	6.6	d
3229	Glass products (except flat glass and glass containers).....	809	100.0	19.2	11.4	6.3	35.9	17.6	1.0	8.6	c
325	Structural clay products.....	4,026	100.0	28.6	27.3	19.3	22.0	2.1	.3	.4	c
3251	Brick and structural clay tile.....	2,242	100.0	34.1	30.6	12.9	21.8	.4	.2	-	d
3255	Refractories, clay and nonclay.....	1,139	100.0	18.8	25.5	30.2	22.7	2.3	.1	.4	d
3259	Miscellaneous structural clay products.	482	100.0	29.7	21.5	24.6	16.4	5.5	.4	1.9	d
326	Pottery and related products.....	229	100.0	11.1	8.2	9.4	26.8	29.5	8.6	6.4	d
327	Concrete, gypsum, plaster, and plaster products.....	1,236	100.0	40.3	22.9	12.1	10.2	11.1	3.4	-	d
3271	Concrete products.....	597	100.0	67.7	17.2	7.1	6.0	1.9	.1	-	d
33	Primary metal products.....	27,735	100.0	28.7	20.7	21.2	15.9	8.5	3.3	1.7	c
331	Steel works and rolling mill products..	23,381	100.0	28.9	18.8	22.8	15.4	8.7	3.7	1.7	c
3312	Primary iron and steel products (except coke-oven products).....	15,999	100.0	31.2	20.4	18.1	15.7	7.9	5.3	1.4	c
3315	Steel wire, nails, and spikes.....	291	100.0	30.1	21.1	21.1	25.1	2.6	-	-	d
332	Iron and steel castings.....	1,756	100.0	35.7	39.4	9.7	7.6	6.2	.5	.9	a
3321	Iron and steel castings.....	1,756	100.0	35.7	39.4	9.7	7.6	6.2	.5	.9	a
333	Nonferrous metals primary smelter products (slab, ingot, pig, etc., and residues).....	773	100.0	26.2	21.3	11.2	33.7	6.2	-	1.4	c
3334	Primary aluminum smelter products.....	725	100.0	25.1	20.2	11.6	35.1	6.6	-	1.4	c

See footnote at end of table.

TABLE 2. Percent Distribution of Commodities, by Distance of Shipment: 1967--Continued

TCC code	Commodity	Number	Percent distribution by distance of shipment								Sampling variability code ¹
			All distances	Under 100 miles	100 to 199 miles	200 to 299 miles	300 to 499 miles	500 to 999 miles	1,000 to 1,499 miles	1,500 miles or over	
	TONS OF SHIPMENTS--Continued	(thousands of tons)									
335	Nonferrous metal basic shapes.....	821	100.0	15.8	15.3	12.1	30.7	16.2	4.1	5.8	c
3351	Copper, brass, bronze, and other copper base alloy basic shapes.....	92	100.0	6.0	25.0	7.9	35.8	15.7	3.9	5.7	c
33c	Nonferrous and nonferrous base alloy castings.....	228	100.0	21.0	22.2	20.5	26.6	7.1	1.3	1.3	c
3361	Aluminum and aluminum base alloy castings.....	143	100.0	20.2	27.4	23.8	21.0	5.7	.9	1.0	c
3369	Miscellaneous nonferrous metal castings	70	100.0	21.5	12.0	16.9	37.4	9.8	.7	1.7	d
339	Miscellaneous primary metal products...	776	100.0	23.6	40.9	17.4	12.8	2.7	1.2	1.4	c
3391	Iron and steel forgings.....	472	100.0	19.7	46.1	18.7	11.5	2.2	1.2	.6	b
34	Fabricated metal products.....	4,207	100.0	20.0	24.2	11.8	25.5	11.9	2.3	4.3	b
341	Metal cans.....	137	100.0	34.8	12.1	11.7	24.6	13.2	2.0	1.6	d
3411	Metal cans.....	137	100.0	34.8	12.1	11.7	24.6	13.2	2.0	1.6	d
342	Cutlery, hand tools, and general hardware.....	228	100.0	11.2	20.2	12.5	21.5	26.3	1.3	7.0	d
3428	Builders' and cabinet hardware and fireplace equipment.....	8	100.0	4.6	8.5	1.0	59.6	10.1	3.4	12.8	d
343	Plumbing fixtures and heating apparatus (except electric).....	176	100.0	6.9	7.0	7.8	37.2	25.2	9.5	6.4	d
3432	Plumbing fixture fittings (brass goods) and trim.....	58	100.0	14.2	12.7	12.2	38.4	14.6	.2	7.7	d
3433	Heating equipment (except electric)....	50	100.0	2.0	8.6	4.0	44.2	33.6	.5	7.1	d
344	Structural and miscellaneous metal products.....	1,165	100.0	19.0	12.8	21.7	26.5	12.0	3.6	4.4	d
3443	Fabricated plate products (boiler shop products).....	382	100.0	12.3	11.9	8.9	33.3	21.5	5.6	6.5	d
345	Bolts, nuts, screws, rivets, washers, and other industrial fasteners.....	307	100.0	16.1	22.2	15.9	29.4	13.5	1.4	1.5	d
3452	Bolts, nuts, screws, rivets, washers, and other industrial fasteners.....	307	100.0	16.1	22.2	15.9	29.4	13.5	1.4	1.5	d
346	Metal stampings.....	1,511	100.0	18.9	38.6	4.0	26.9	6.0	1.3	4.3	c
3461	Metal stampings.....	1,511	100.0	18.9	38.6	4.0	26.9	6.0	1.3	4.3	c
349	Miscellaneous fabricated metal products	614	100.0	28.4	21.5	11.9	15.7	16.4	1.3	4.8	d
3494	Valves and pipe fittings (except plumbers' brass goods and fittings)...	98	100.0	7.1	22.3	10.9	19.4	25.5	4.2	10.6	d
3499	Fabricated metal products, n.e.c.....	204	100.0	33.1	10.3	8.6	17.0	23.0	1.9	6.1	d
35	Machinery, except electrical.....	1,982	100.0	18.7	14.7	13.4	26.3	16.9	4.0	6.0	a
351	Engines and turbines.....	7	100.0	.3	13.7	5.8	23.3	19.4	34.5	3.0	c
3511	Steam engines and turbines and steam turbine generator sets.....	2	100.0	1.3	7.8	20.0	37.1	33.8	-	-	d
352	Farm machinery and equipment.....	231	100.0	16.3	15.2	15.7	29.2	18.2	1.1	4.3	d
3522	Farm machinery and equipment.....	231	100.0	16.3	15.2	15.7	29.2	18.2	1.1	4.3	d
353	Construction, mining, and materials handling machinery and equipment.....	496	100.0	14.8	8.9	12.4	34.9	12.6	6.4	10.0	d
3531	Construction machinery and equipment...	233	100.0	17.1	6.8	7.8	26.4	16.2	11.1	14.6	d
3536	Hoists, industrial cranes, and monorail systems.....	118	100.0	11.7	3.3	13.2	54.7	9.5	.c	7.0	d
3537	Industrial trucks, tractors, trailers, stackers, and metal skids, pallets, and platforms.....	83	100.0	11.7	17.8	17.2	34.1	10.8	3.2	5.2	d
354	Metalworking machinery and equipment...	298	100.0	20.0	12.1	21.5	21.7	15.6	3.2	5.9	d
3541	Machine tools, metal cutting types....	102	100.0	12.8	5.5	19.7	19.2	25.2	7.9	9.7	d
3542	Machine tools, metal forming types....	34	100.0	11.0	26.6	13.5	24.8	17.7	.8	7.0	d
3544	Special dies and tools, die sets, jigs, fixtures, and industrial molds and patterns.....	22	100.0	43.0	9.8	16.1	19.7	8.0	1.4	1.1	d

See footnote at end of table.

TABLE 2. Percent Distribution of Commodities, by Distance of Shipment: 1967--Continued

TCC code	Commodity	Number	Percent distribution by distance of shipment								Sampling variability code ¹
			All distances	Under 100 miles	100 to 199 miles	200 to 299 miles	300 to 499 miles	500 to 999 miles	1,000 to 1,499 miles	1,500 miles or over	
	TONS OF SHIPMENTS--Continued	(thousands of tons)									
3545	Machine tool accessories, measuring tools, and measuring devices.....	44	100.0	27.7	9.1	18.1	31.9	9.8	1.9	1.5	d
3548	Metalworking machinery (except machine tools).....	97	100.0	22.1	15.8	28.8	19.2	9.1	-	5.0	b
355	Special industry machinery (except metalworking machinery).....	198	100.0	9.7	15.0	9.6	25.3	29.5	5.5	5.4	c
3559	Miscellaneous special industry machinery.....	135	100.0	11.5	15.1	10.6	25.9	27.6	5.2	4.1	d
356	General industrial machinery and equipment.....	329	100.0	25.7	20.2	12.3	18.4	17.1	3.4	2.9	d
3561	Pumps, air and gas compressors, and measuring and dispensing pumps, also pumping equipment.....	47	100.0	10.9	5.2	26.4	13.9	31.6	6.8	5.2	d
3562	Ball and roller bearings.....	77	100.0	58.5	19.0	6.0	12.7	2.4	.4	1.0	d
3566	Mechanical power transmission equipment, except ball and roller bearings.	6	100.0	19.1	29.8	6.3	13.8	20.7	.6	9.7	d
357	Office, computing, and accounting machines.....	56	100.0	28.3	4.4	5.1	31.2	20.8	5.4	4.8	b
358	Service industry machines.....	252	100.0	20.2	16.2	9.3	25.9	18.3	3.0	7.1	b
3585	Refrigerators and refrigeration machinery (except household), and complete air-conditioning units.....	240	100.0	19.7	16.7	9.7	26.0	17.7	3.1	7.1	b
3589	Miscellaneous service industry machines	12	100.0	29.4	6.3	1.1	25.0	29.7	1.0	7.5	c
359	Miscellaneous machinery and parts (except electrical).....	115	100.0	25.7	31.3	16.2	16.2	9.0	.9	.7	d
3599	Miscellaneous machinery and parts (except electrical).....	115	100.0	25.7	31.3	16.2	16.2	9.0	.9	.7	d
36	Electrical machinery and equipment.....	1,554	100.0	15.0	10.4	11.1	23.9	25.1	4.6	9.9	a
362	Electrical industrial apparatus.....	305	100.0	25.4	11.2	22.6	19.1	18.1	2.0	1.6	c
3621	Motors and generators.....	209	100.0	33.5	10.8	26.2	17.8	9.0	1.2	1.5	d
363	Household appliances.....	733	100.0	12.9	7.4	6.5	24.2	31.0	6.9	11.1	a
3631	Household cooking equipment, all types.	67	100.0	9.2	5.9	4.9	22.5	35.0	15.2	7.3	b
364	Electric lighting and wiring equipment.	227	100.0	22.6	10.2	4.9	27.6	15.2	4.5	15.0	c
3642	Lighting fixtures.....	84	100.0	6.4	9.0	7.1	32.8	24.0	7.8	12.9	d
367	Electronic components or accessories...	48	100.0	2.4	11.4	27.1	13.9	36.0	.4	8.8	c
369	Miscellaneous electrical machinery, equipment, and supplies.....	78	100.0	5.4	31.6	17.3	30.2	8.6	3.0	3.9	d
3699	Electrical machinery, equipment, and supplies, n.e.c.....	7	100.0	8.4	6.3	15.5	30.1	23.3	6.1	10.3	d
37	Transportation equipment.....	4,596	100.0	12.7	23.9	13.2	22.2	19.6	2.8	5.6	a
371	Motor vehicles and motor vehicle equipment.....	4,264	100.0	11.7	25.0	13.1	22.2	19.7	2.9	5.4	a
3711	Motor vehicles.....	1,372	100.0	8.5	12.3	11.2	21.8	36.6	4.0	5.6	a
3714	Motor vehicle parts and accessories....	2,757	100.0	13.6	28.8	14.6	22.7	12.2	2.5	5.6	a
3729	Aircraft parts and equipment, n.e.c....	19	100.0	.3	4.5	3.3	11.0	36.5	1.9	42.5	d
374	Railroad equipment.....	162	100.0	38.9	11.8	14.7	13.3	13.3	-	8.0	d
38	Instruments, photographic goods, optical goods, watches, and clocks.....	31	100.0	5.5	7.2	7.6	49.4	16.9	3.7	9.7	c
3999	Manufactured products, n.e.c.....	2	100.0	4.2	4.8	23.1	38.7	1.6	26.6	1.0	d

See footnote at end of table.

TABLE 2. Percent Distribution of Commodities, by Distance of Shipment: 1967--Continued

TCC code	Commodity	Number	Percent distribution by distance of shipment								Sampling variability code ^a
			All distances	Under 100 miles	100 to 199 miles	200 to 299 miles	300 to 499 miles	500 to 999 miles	1,000 to 1,499 miles	1,500 miles or over	
	TON-MILES OF SHIPMENTS	(millions of ton-miles)									
	Ohio, total.....	23,523	100.0	6.1	10.6	12.7	23.9	22.7	8.2	15.8	-
20	Food and kindred products.....	1,904	100.0	5.9	11.2	11.9	23.5	38.3	2.8	6.4	-
201	Meat, poultry, and small game; fresh, chilled or frozen.....	657	100.0	5.6	7.5	7.1	18.1	61.2	.2	.3	-
2013	Meat products.....	112	100.0	11.6	22.4	29.4	9.1	27.0	-	.5	-
2014	Animal byproducts, inedible.....	71	100.0	22.2	1.1	3.5	67.4	5.8	-	-	-
202	Dairy products.....	91	100.0	11.5	20.6	9.9	23.7	28.5	.8	5.0	-
203	Canned and preserved fruits, vegetables, and seafoods.....	386	100.0	4.0	12.3	13.5	33.8	16.4	9.3	10.7	-
208	Beverages and flavoring extracts.....	223	100.0	7.2	14.5	9.1	8.6	25.9	3.7	31.0	-
2082	Malt liquors.....	59	100.0	15.2	41.7	17.3	8.5	6.6	3.0	7.7	-
2086	Bottled and canned soft drinks and carbonated, mineral, and plain waters.	20	100.0	31.9	34.1	17.9	13.3	2.8	-	-	-
209	Miscellaneous food preparations and kindred products.....	175	100.0	6.3	7.7	30.2	24.0	26.7	3.0	2.1	-
22	Basic textiles.....	74	100.0	1.4	2.4	12.6	34.8	26.4	5.9	16.5	-
229	Miscellaneous basic textiles.....	56	100.0	1.8	2.8	16.4	34.5	21.4	1.2	21.9	-
24	Lumber and wood products, except furniture.....	274	100.0	5.4	9.7	8.5	32.5	7.9	20.0	16.0	-
25	Furniture and fixtures.....	142	100.0	1.2	4.7	6.3	13.7	34.8	12.8	26.5	-
251	Household and office furniture.....	95	100.0	1.0	2.6	6.8	12.6	37.7	15.0	24.3	-
2512	Tables or desks.....	19	100.0	1.8	5.2	8.1	21.2	49.5	5.3	8.9	-
2517	Cabinets and cases.....	45	100.0	.2	.3	2.2	8.7	25.1	27.9	35.6	-
254	Partitions, shelving, lockers, and office and store fixtures.....	38	100.0	1.3	6.1	6.0	19.2	24.7	8.4	34.3	-
2542	Metal partitions, shelving, lockers, and office and store fixtures.....	38	100.0	1.3	6.1	6.0	19.2	24.7	8.4	34.3	-
26	Pulp, paper, and allied products.....	670	100.0	8.8	10.4	13.5	25.6	32.1	.9	8.7	-
262	Paper (except building paper).....	282	100.0	2.6	6.0	9.4	27.0	46.0	.6	8.4	-
2621	Paper (except building paper).....	282	100.0	2.6	6.0	9.4	27.0	46.0	.6	8.4	-
263	Paperboard, fiberboard, and pulpboard (except insulating board).....	117	100.0	7.8	9.8	25.6	29.6	25.4	1.8	-	-
2631	Paperboard, fiberboard, and pulpboard (except insulating board).....	117	100.0	7.8	9.8	25.6	29.6	25.4	1.8	-	-
264	Converted paper and paperboard products (except containers and boxes)....	75	100.0	2.5	7.6	10.8	23.9	20.9	.9	33.4	-
2642	Envelopes (except stationery).....	7	100.0	5.5	4.8	18.4	39.3	25.9	.3	5.8	-
2645	Die-cut paper and paperboard products (including cardboard).....	1	100.0	.1	6.2	2.2	12.7	14.6	13.3	50.9	-
265	Containers, boxes and related products, paperboard, fiberboard, and pulpboard.	182	100.0	20.6	18.3	12.2	21.3	21.7	.7	5.2	-
2651	Containers, boxes, baskets, pallets and skids, paperboard, fiberboard, and pulpboard.....	168	100.0	22.2	18.9	12.7	20.5	20.2	.6	4.9	-
28	Chemicals and allied products.....	2,633	100.0	3.7	9.1	10.4	37.0	20.2	3.0	16.6	-
281	Industrial chemicals.....	909	100.0	4.2	11.1	9.2	31.1	19.4	2.6	22.4	-
2818	Miscellaneous industrial organic chemicals.....	91	100.0	1.8	24.3	15.4	27.6	15.0	.5	15.4	-
2819	Miscellaneous industrial inorganic chemicals.....	39	100.0	7.2	11.5	7.3	59.4	14.5	-	.1	-
282	Plastic materials and plasticizers, synthetic resins, rubbers, and fibers.	333	100.0	2.9	6.1	10.3	34.1	24.1	7.3	15.2	-
2821	Plastic materials and plasticizers, synthetic resins, rubbers, and fibers.	333	100.0	2.9	6.1	10.3	34.1	24.1	7.3	15.2	-

See footnote at end of table.

TABLE 2. Percent Distribution of Commodities, by Distance of Shipment: 1967--Continued

TCC code	Commodity	Number	Percent distribution by distance of shipment								Sampling variability code ¹
			All distances	Under 100 miles	100 to 199 miles	200 to 299 miles	300 to 499 miles	500 to 999 miles	1,000 to 1,499 miles	1,500 miles or over	
	TON-MILES OF SHIPMENTS--Continued	(millions of ton-miles)									
284	Soap and detergents, cleaning preparations, perfumes, cosmetics, and other toilet preparations.....	333	100.0	2.4	4.6	18.6	20.9	29.3	1.4	22.8	-
2841	Soap and other detergents (except specialty cleansers).....	217	100.0	3.4	6.4	26.9	23.5	26.9	.8	12.1	-
2842	Specialty cleaning, polishing, and sanitation preparations (except soap and detergents).....	19	100.0	1.0	2.2	6.2	8.4	48.8	7.8	25.6	-
285	Paints, varnishes, lacquers, enamels, and allied products.....	223	100.0	3.5	14.9	9.9	24.2	27.3	8.2	12.0	-
2851	Paints, varnishes, lacquers, enamels, and allied products.....	223	100.0	3.5	14.9	9.9	24.2	27.3	8.2	12.0	-
29	Petroleum and coal products.....	837	100.0	27.2	30.6	20.1	10.0	5.6	4.3	2.2	-
291	Products of petroleum refining.....	523	100.0	40.8	16.9	17.9	10.2	5.0	6.5	2.7	-
2911	Products of petroleum refining (except liquefied petroleum gases and petroleum coke and breeze).....	487	100.0	40.3	17.2	18.5	10.6	3.6	6.9	2.9	-
2912	Liquefied petroleum and coal gases.....	36	100.0	48.3	12.6	9.3	5.9	23.9	-	-	-
295	Paving and roofing materials.....	71	100.0	14.0	26.1	12.7	18.8	23.4	1.9	3.1	-
2952	Asphalt felt and coatings.....	64	100.0	14.0	26.8	12.9	17.3	24.0	1.6	3.4	-
30	Rubber and miscellaneous plastics products.....	874	100.0	2.5	6.7	6.4	21.4	21.3	6.7	35.0	-
301	Tires and inner tubes.....	438	100.0	1.6	3.7	2.8	20.3	24.2	7.1	40.3	-
3011	Tires and inner tubes.....	438	100.0	1.6	3.7	2.8	20.3	24.2	7.1	40.3	-
306	Miscellaneous fabricated rubber products.....	286	100.0	3.4	10.3	11.9	21.2	17.3	2.3	33.6	-
3061	Miscellaneous fabricated rubber products.....	286	100.0	3.4	10.3	11.9	21.2	17.3	2.3	33.6	-
307	Miscellaneous plastic products.....	137	100.0	3.4	6.6	5.8	25.3	19.6	15.1	24.2	-
3071	Miscellaneous plastic products.....	137	100.0	3.4	6.6	5.8	25.3	19.6	15.1	24.2	-
32	Stone, clay, and glass products.....	2,494	100.0	12.6	16.1	11.9	26.5	18.0	4.5	10.4	-
322	Glass and glassware, pressed and blown.	529	100.0	1.6	5.5	4.7	33.7	22.9	2.5	29.1	-
3229	Glass products (except flat glass and glass containers).....	409	100.0	1.3	3.4	3.4	30.8	25.3	2.4	33.4	-
325	Structural clay products.....	845	100.0	7.9	19.0	22.5	38.4	6.6	1.7	3.9	-
3251	Brick and structural clay tile.....	401	100.0	11.0	23.6	17.6	45.1	1.2	1.2	.3	-
3255	Refractories, clay and nonclay.....	264	100.0	4.7	17.5	31.4	35.6	7.3	.4	3.1	-
3259	Miscellaneous structural clay products.	118	100.0	7.4	13.9	25.3	22.9	13.1	2.0	15.4	-
326	Pottery and related products.....	130	100.0	1.4	2.1	3.9	18.9	33.1	18.4	22.2	-
327	Concrete, gypsum, plaster, and plaster products.....	297	100.0	8.0	13.7	12.6	17.1	33.5	15.1	-	-
3271	Concrete products.....	61	100.0	26.5	22.6	17.1	21.2	11.8	.7	.1	-
33	Primary metal products.....	7,984	100.0	5.3	10.2	17.9	21.4	20.2	12.7	12.3	-
331	Steel works and rolling mill products..	6,791	100.0	5.1	9.2	19.1	20.2	20.6	14.1	11.7	-
3312	Primary iron and steel products (except coke-oven products).....	4,653	100.0	5.5	9.9	15.0	20.3	19.4	20.2	9.7	-
3315	Steel wire, nails, and spikes.....	60	100.0	9.3	14.7	25.5	42.5	7.9	-	.1	-
332	Iron and steel castings.....	334	100.0	13.4	26.5	12.6	15.0	19.8	3.2	9.5	-
3321	Iron and steel castings.....	334	100.0	13.4	26.5	12.6	15.0	19.8	3.2	9.5	-
333	Nonferrous metals primary smelter products (slab, ingot, pig, etc., and residues).....	228	100.0	5.3	10.8	9.6	50.5	14.0	-	9.8	-
3334	Primary aluminum smelter products.....	221	100.0	5.0	10.0	9.7	50.7	14.5	-	10.1	-

See footnote at end of table.

TABLE 2. Percent Distribution of Commodities, by Distance of Shipment: 1967--Continued

TCC code	Commodity	Number	Percent distribution by distance of shipment								Sampling variability code ¹
			All distances	Under 100 miles	100 to 199 miles	200 to 299 miles	300 to 499 miles	500 to 999 miles	1,000 to 1,499 miles	1,500 miles or over	
	TON-MILES OF SHIPMENTS--Continued	(millions of ton-miles)									
335	Nonferrous metal basic shapes.....	391	100.0	1.5	5.0	6.5	25.3	24.4	9.7	27.6	-
3351	Copper, brass, bronze, and other copper base alloy basic shapes.....	42	100.0	.3	9.3	4.2	29.8	21.7	9.8	24.9	-
336	Nonferrous and nonferrous base alloy castings.....	65	100.0	4.6	11.3	17.2	35.9	17.3	4.8	8.9	-
3361	Aluminum and aluminum base alloy castings.....	38	100.0	5.3	15.5	21.5	31.6	14.8	3.6	7.7	-
3369	Miscellaneous nonferrous metal castings	22	100.0	3.5	5.0	12.8	43.8	21.8	2.4	10.7	-
339	Miscellaneous primary metal products...	174	100.0	5.8	26.9	18.7	23.0	7.7	5.7	12.2	-
3391	Iron and steel forgings.....	98	100.0	6.0	32.7	21.6	21.1	6.4	6.6	5.6	-
34	Fabricated metal products.....	1,518	100.0	2.9	9.0	8.3	27.0	21.7	7.7	23.4	-
341	Metal cans.....	40	100.0	8.6	5.3	9.6	29.3	28.2	7.3	11.7	-
3411	Metal cans.....	40	100.0	8.6	5.3	9.6	29.3	28.2	7.3	11.7	-
342	Cutlery, hand tools, and general hardware.....	106	100.0	1.5	6.5	6.2	17.5	35.7	2.9	29.7	-
3428	Builders' and cabinet hardware and fireplace equipment.....	5	100.0	.6	2.1	.4	35.2	12.7	6.4	42.6	-
343	Plumbing fixtures and heating apparatus (except electric).....	103	100.0	.7	1.9	3.4	25.4	27.8	19.0	21.8	-
3432	Plumbing fixture fittings (brass goods) and trim.....	27	100.0	1.9	4.5	6.5	33.6	19.5	.5	33.5	-
3433	Heating equipment (except electric)....	28	100.0	.2	2.3	2.0	31.6	36.8	1.1	26.0	-
344	Structural and miscellaneous metal products.....	447	100.0	2.0	4.8	14.5	25.6	21.2	11.4	20.5	-
3443	Fabricated plate products (boiler shop products).....	191	100.0	1.1	3.0	4.4	24.7	28.5	12.9	25.4	-
345	Bolts, nuts, screws, rivets, washers, and other industrial fasteners.....	100	100.0	3.6	10.7	12.5	34.4	24.2	5.0	9.6	-
3452	Bolts, nuts, screws, rivets, washers, and other industrial fasteners.....	100	100.0	3.6	10.7	12.5	34.4	24.2	5.0	9.6	-
346	Metal stampings.....	482	100.0	3.2	14.9	3.1	32.7	12.6	5.5	28.0	-
3461	Metal stampings.....	482	100.0	3.2	14.9	3.1	32.7	12.6	5.5	28.0	-
349	Miscellaneous fabricated metal products	223	100.0	4.2	8.6	8.3	17.2	31.4	4.1	26.2	-
3494	Valves and pipe fittings (except plumbers' brass goods and fittings)....	59	100.0	.8	6.5	4.5	12.9	29.8	7.8	37.7	-
3499	Fabricated metal products, n.e.c.....	87	100.0	4.1	2.9	5.2	16.2	39.5	5.0	27.1	-
35	Machinery, except electrical.....	891	100.0	2.4	4.9	7.4	22.4	26.2	10.2	26.5	-
351	Engines and turbines.....	5	100.0	-	3.1	2.0	12.3	18.6	56.2	7.8	-
3511	Steam engines and turbines and steam turbine generator sets.....	1	100.0	-	1.9	12.4	35.1	50.6	-	-	-
352	Farm machinery and equipment.....	93	100.0	2.4	5.7	9.6	27.3	30.8	3.2	21.0	-
3522	Farm machinery and equipment.....	93	100.0	2.4	5.7	9.6	27.3	30.8	3.2	21.0	-
353	Construction, mining, and materials handling machinery and equipment.....	271	100.0	1.7	2.3	5.5	24.1	16.0	13.8	36.6	-
3531	Construction machinery and equipment...	160	100.0	1.5	1.5	2.9	15.2	17.1	19.1	42.7	-
3536	Hoists, industrial cranes, and monorail systems.....	52	100.0	1.5	1.0	6.9	43.7	13.7	1.6	31.6	-
3537	Industrial trucks, tractors, trailers, stackers, and metal skids, pallets, and platforms.....	34	100.0	2.1	5.9	10.0	30.5	16.7	8.9	25.9	-
354	Metalworking machinery and equipment...	123	100.0	2.4	4.2	12.8	19.9	23.5	8.3	28.9	-
3541	Machine tools, metal cutting types.....	58	100.0	.9	1.5	8.7	13.4	27.2	14.9	33.4	-
3542	Machine tools, metal forming types.....	15	100.0	1.8	8.1	7.8	23.1	25.3	1.9	32.0	-
3544	Special dies and tools, die sets, jigs, fixtures, and industrial molds and patterns.....	5	100.0	6.1	5.8	15.6	30.4	24.8	6.1	11.2	-

See footnote at end of table.

TABLE 2. Percent Distribution of Commodities, by Distance of Shipment: 1967--Continued

TCC code	Commodity	Number	Percent distribution by distance of shipment								Sampling variability code ¹
			All distances	Under 100 miles	100 to 199 miles	200 to 299 miles	300 to 499 miles	500 to 999 miles	1,000 to 1,499 miles	1,500 miles or over	
	TON-MILES OF SHIPMENTS--Continued	(millions of ton-miles)									
3545	Machine tool accessories, measuring tools, and measuring devices.....	13	100.0	4.4	4.6	14.6	38.6	20.4	6.9	10.5	-
3548	Metalworking machinery (except machine tools).....	32	100.0	4.0	6.8	21.6	20.9	16.8	.1	29.8	-
355	Special industry machinery (except metalworking machinery).....	104	100.0	1.3	4.2	4.1	19.5	39.3	11.2	20.4	-
3559	Miscellaneous special industry machinery.....	68	100.0	1.7	4.3	4.7	20.5	41.9	10.8	16.1	-
356	General industrial machinery and equipment.....	118	100.0	4.3	7.5	8.4	19.5	34.2	10.5	15.6	-
3561	Pumps, air and gas compressors, and measuring and dispensing pumps, also pumping equipment.....	24	100.0	1.0	1.5	13.6	10.7	39.9	14.0	19.3	-
3562	Ball and roller bearings.....	13	100.0	24.3	17.0	8.4	26.9	9.2	2.4	11.8	-
3566	Mechanical power transmission equipment, except ball and roller bearings.	3	100.0	3.1	10.0	3.5	10.1	30.9	1.4	41.0	-
357	Office, computing, and accounting machines.....	25	100.0	4.1	1.4	2.8	27.1	30.0	13.4	21.2	-
358	Service industry machines.....	125	100.0	1.8	5.7	5.1	21.4	30.0	7.6	28.4	-
3585	Refrigerators and refrigeration machinery (except household), and complete air-conditioning units.....	119	100.0	1.8	5.9	5.4	21.4	29.5	7.8	28.2	-
3589	Miscellaneous service industry machines	6	100.0	1.6	2.0	.5	21.1	40.4	2.7	31.7	-
359	Miscellaneous machinery and parts (except electrical).....	29	100.0	4.6	21.7	16.3	25.8	22.4	4.0	5.2	-
3599	Miscellaneous machinery and parts (except electrical).....	29	100.0	4.6	21.7	16.3	25.8	22.4	4.0	5.2	-
36	Electrical machinery and equipment.....	882	100.0	1.6	2.7	4.8	16.6	29.6	9.8	34.9	-
362	Electrical industrial apparatus.....	107	100.0	4.1	4.8	15.7	22.0	36.6	6.7	10.1	-
3621	Motors and generators.....	59	100.0	6.9	5.5	22.9	25.6	21.4	5.0	12.7	-
363	Household appliances.....	467	100.0	1.5	1.7	2.5	15.1	32.3	13.3	33.6	-
3631	Household cooking equipment, all types.	43	100.0	1.1	1.5	2.0	13.7	38.1	25.4	18.2	-
364	Electric lighting and wiring equipment.	140	100.0	1.5	2.5	1.9	17.2	18.0	8.3	50.6	-
3642	Lighting fixtures.....	56	100.0	.8	2.1	2.6	18.8	25.6	13.1	37.0	-
367	Electronic components or accessories...	26	100.0	.3	13.9	2.3	9.8	40.9	1.0	31.8	-
369	Miscellaneous electrical machinery, equipment, and supplies.....	29	100.0	.9	10.1	10.9	32.9	16.1	9.1	20.0	-
3699	Electrical machinery, equipment, and supplies, n.e.c.....	4	100.0	1.0	1.7	6.2	19.0	26.7	11.6	33.8	-
37	Transportation equipment.....	1,953	100.0	2.2	8.5	7.2	19.9	28.5	7.8	25.9	-
371	Motor vehicles and motor vehicle equipment.....	1,814	100.0	2.1	8.8	7.2	19.9	28.3	8.2	25.5	-
3711	Motor vehicles.....	703	100.0	1.0	3.5	5.3	16.7	42.4	9.5	21.6	-
3714	Motor vehicle parts and accessories....	1,081	100.0	2.8	10.9	8.5	21.7	19.9	7.6	28.6	-
3729	Aircraft parts and equipment, n.e.c....	20	100.0	-	.7	.7	3.9	22.5	2.1	70.1	-
374	Railroad equipment.....	62	100.0	7.3	5.5	8.7	12.6	24.5	.1	41.3	-
38	Instruments, photographic goods, optical goods, watches, and clocks.....	17	100.0	.5	1.5	3.3	32.7	20.0	8.3	33.7	-
3999	Manufactured products, n.e.c.....	1	100.0	.2	.9	9.8	24.7	1.8	59.1	3.5	-

¹Code letter indicates a sampling variability range as follows: a, 0-9 percent; b, 10-19 percent; c, 20-29 percent; and d, 30-50 percent. The variability for ton-miles has not been estimated.

TABLE 3. Percent Distribution of Commodities, by Geographic Division of Destination: 1967

TCC code	Commodity	Number	Percent distribution by geographic division ¹ of destination										Sampling variability code ³
			All means of transport	New England	Middle Atlantic	East North Central	West North Central	South Atlantic	East South Central	West South Central	Mountain	Pacific ²	
	TONS OF SHIPMENTS	(thous. of tons)											
	Ohio, total.....	82,763	100.0	2.3	16.4	59.9	2.9	8.2	4.3	3.6	0.5	1.9	-
20	Food and kindred products.....	6,802	100.0	7.2	22.9	49.4	1.7	11.6	4.8	1.4	.2	.8	c
201	Meat, poultry, and small game; fresh, chilled or frozen.....	2,163	100.0	16.2	28.5	44.0	.2	5.1	5.6	.4	-	-	d
2013	Meat products.....	601	100.0	.6	30.2	45.5	-	5.6	18.0	.1	-	-	d
2014	Animal byproducts, inedible.....	448	100.0	.9	6.4	83.2	.6	6.5	1.9	.5	-	-	d
202	Dairy products.....	495	100.0	2.4	20.3	59.8	.5	10.0	5.2	1.3	.2	.3	d
203	Canned and preserved fruits, vegetable tables, and seafoods.....	1,254	100.0	.6	19.2	53.3	2.7	18.9	2.4	1.4	-	1.5	c
208	Beverages and flavoring extracts.....	802	100.0	2.2	21.9	54.0	2.2	8.8	4.2	2.0	1.0	3.7	b
2082	Malt liquors.....	412	100.0	-	25.9	61.2	-	8.4	3.9	.4	-	.2	c
2086	Bottled and canned soft drinks and carbonated, mineral, and plain waters.	205	100.0	.2	16.9	71.9	.3	4.9	5.8	-	-	-	c
209	Miscellaneous food preparations and kindred products.....	645	100.0	.1	5.7	55.0	8.7	16.0	10.4	3.8	-	.3	d
22	Basic textiles.....	179	100.0	4.0	13.2	31.1	2.7	35.4	7.4	1.2	1.9	3.1	c
229	Miscellaneous basic textiles.....	142	100.0	3.5	13.5	36.8	3.4	31.0	6.3	1.3	.3	3.9	d
24	Lumber and wood products, except furniture.....	891	100.0	.5	14.1	57.9	1.8	15.9	2.0	5.4	.1	2.3	d
25	Furniture and fixtures.....	270	100.0	6.0	17.0	35.7	7.6	12.0	3.7	11.0	1.6	5.4	c
251	Household and office furniture.....	167	100.0	7.6	19.2	25.8	6.3	15.6	4.0	14.7	1.1	5.7	c
2512	Tables and desks.....	49	100.0	15.8	29.8	29.8	6.3	10.2	2.7	3.4	1.6	.4	d
2517	Cabinets and cases.....	52	100.0	4.9	16.3	5.1	5.8	19.1	2.8	29.7	.6	15.7	d
254	Partitions, shelving, lockers, and office and store fixtures.....	72	100.0	4.6	18.9	39.7	8.0	7.8	4.3	7.1	3.4	6.2	d
2542	Metal partitions, shelving, lockers, and office and store fixtures.....	72	100.0	4.6	18.9	39.7	8.0	7.8	4.3	7.1	3.4	6.2	d
26	Pulp, paper, and allied products.....	2,870	100.0	2.3	13.0	66.0	5.3	6.6	3.7	2.0	.1	1.0	b
262	Paper (except building paper).....	778	100.0	7.8	22.0	44.3	9.5	9.2	2.8	2.8	.1	1.5	b
2621	Paper (except building paper).....	778	100.0	7.8	22.0	44.3	9.5	9.2	2.8	2.8	.1	1.5	b
263	Paperboard, fiberboard, and pulpboard (except insulating board).....	545	100.0	.4	14.5	66.6	5.8	5.9	3.6	2.9	.3	-	c
2631	Paperboard, fiberboard, and pulpboard (except insulating board).....	545	100.0	.4	14.5	66.6	5.8	5.9	3.6	2.9	.3	-	c
264	Converted paper and paperboard products (except containers and boxes).....	193	100.0	1.0	19.0	52.2	7.2	6.4	5.5	2.0	.3	6.4	d
2642	Envelopes (except stationery).....	26	100.0	.5	17.8	44.7	2.3	20.1	13.0	.7	.6	.3	d
2645	Die-cut paper and paperboard products (including cardboard).....	2	100.0	1.9	20.1	38.8	2.6	9.4	4.0	3.7	3.1	16.4	d
265	Containers, boxes and related products, paperboard, fiberboard, and pulpboard.	1,272	100.0	.1	6.1	80.0	2.6	5.9	3.7	1.2	-	.4	c
2651	Containers, boxes, baskets, pallets and skids, paperboard, fiberboard, and pulpboard.....	1,223	100.0	.1	5.8	81.3	2.3	5.7	3.4	1.1	-	.3	c
28	Chemicals and allied products.....	8,471	100.0	2.3	20.1	53.0	2.8	10.1	7.4	1.9	.3	2.1	b
281	Industrial chemicals.....	2,935	100.0	2.5	31.7	40.1	2.1	12.8	5.8	2.3	.5	2.2	b
2818	Miscellaneous industrial organic chemicals.....	317	100.0	-	43.5	29.3	3.8	12.5	7.7	.9	.1	2.2	d
2819	Miscellaneous industrial inorganic chemicals.....	192	100.0	-	27.5	59.8	-	10.7	1.8	.2	-	-	c
282	Plastic materials and plasticizers, synthetic resins, rubbers, and fibers.	903	100.0	7.2	20.0	47.5	4.1	9.1	6.2	2.5	.6	2.5	b
2821	Plastic materials and plasticizers, synthetic resins, rubbers, and fibers.	903	100.0	7.2	20.0	47.5	4.1	9.1	6.2	2.5	.6	2.5	b

See footnotes at end of table.

TABLE 3. Percent Distribution of Commodities, by Geographic Division of Destination: 1967--Continued

TCC code	Commodity	Number	Percent distribution by geographic division ¹ of destination										Sampling variability code ³
			All means of transport	New England	Middle Atlantic	East North Central	West North Central	South Atlantic	East South Central	West South Central	Mountain	Pacific ²	
	TONS OF SHIPMENTS--Continued	(thous. of tons)											
284	Soap and detergents, cleaning preparations, perfumes, cosmetics, and other toilet preparations.....	843	100.0	1.5	13.1	45.2	8.2	13.0	10.8	3.2	0.4	4.6	b
2841	Soap and other detergents (except specialty cleansers).....	672	100.0	.5	12.4	52.5	7.4	11.4	10.4	3.3	.2	1.9	c
2842	Specialty cleaning, polishing, and sanitation preparations (except soap and detergents).....	33	100.0	5.5	5.7	34.5	26.7	8.2	3.8	4.4	4.0	7.2	c
285	Paints, varnishes, lacquers, enamels, and allied products.....	702	100.0	2.0	14.1	53.4	5.9	9.8	8.3	4.4	.3	1.8	c
2851	Paints, varnishes, lacquers, enamels, and allied products.....	702	100.0	2.0	14.1	53.4	5.9	9.8	8.3	4.4	.3	1.8	c
29	Petroleum and coal products.....	6,717	100.0	.1	8.5	76.3	.2	12.4	1.6	.8	-	.1	c
291	Products of petroleum refining.....	5,080	100.0	-	6.5	89.8	.2	1.4	1.0	1.0	-	.1	c
2911	Products of petroleum refining (except liquefied petroleum gases and petroleum coke and breeze).....	4,748	100.0	-	6.8	89.6	.2	1.5	.8	1.0	-	.1	c
2912	Liquefied petroleum and coal gases.....	333	100.0	.1	2.4	93.0	-	-	4.5	-	-	-	a
295	Paving and roofing materials.....	431	100.0	.5	21.3	58.7	.2	5.8	12.7	.5	.1	.2	c
2952	Asphalt felt and coatings.....	389	100.0	.3	21.2	58.0	.2	5.7	13.7	.5	.2	.2	d
30	Rubber and miscellaneous plastics products.....	1,965	100.0	1.5	16.7	48.2	7.3	9.8	4.4	3.7	1.4	7.0	b
301	Tires and inner tubes.....	796	100.0	1.8	18.2	38.9	9.1	10.4	5.2	4.8	1.7	9.9	a
3011	Tires and inner tubes.....	796	100.0	1.8	18.2	38.9	9.1	10.4	5.2	4.8	1.7	9.9	a
306	Miscellaneous fabricated rubber products.....	775	100.0	1.2	13.3	60.2	5.3	8.4	2.7	2.6	.6	5.7	c
3061	Miscellaneous fabricated rubber products.....	775	100.0	1.2	13.3	60.2	5.3	8.4	2.7	2.6	.6	5.7	c
307	Miscellaneous plastic products.....	343	100.0	1.6	19.8	42.0	8.6	13.2	3.7	3.7	3.0	4.4	c
3071	Miscellaneous plastic products.....	343	100.0	1.6	19.8	42.0	8.6	13.2	3.7	3.7	3.0	4.4	c
32	Stone, clay, and glass products.....	12,646	100.0	1.3	13.3	73.5	1.5	5.6	2.3	1.4	.3	.8	c
322	Glass and glassware, pressed and blown.	1,184	100.0	2.9	31.0	38.5	6.8	6.5	3.6	3.8	1.0	5.9	d
3229	Glass products (except flat glass and glass containers).....	809	100.0	3.7	29.6	36.4	6.2	7.6	2.8	4.9	1.5	7.3	b
325	Structural clay products.....	4,026	100.0	1.7	17.8	69.3	.4	7.9	1.8	.6	.1	.4	c
3251	Brick and structural clay tile.....	2,242	100.0	.5	17.4	79.4	.3	1.5	.8	.1	-	-	d
3255	Refractories, clay and nonclay.....	1,139	100.0	.7	15.7	58.9	.4	19.0	4.2	.8	-	.3	d
3259	Miscellaneous structural clay products.	482	100.0	5.0	22.2	61.2	.1	8.5	.6	.6	.1	1.7	d
326	Pottery and related products.....	229	100.0	8.3	9.1	34.3	3.4	13.7	14.9	7.3	4.5	4.5	d
327	Concrete, gypsum, plaster, and plaster products.....	1,236	100.0	1.5	11.1	64.5	2.2	12.4	5.8	2.4	-	-	d
3271	Concrete products.....	597	100.0	1.6	6.0	87.3	.3	3.0	1.7	-	.1	-	d
33	Primary metal products.....	27,735	100.0	1.7	17.0	61.0	2.3	6.0	4.1	6.0	.4	1.5	b
331	Steel works and rolling mill products..	23,381	100.0	1.6	17.5	60.3	2.2	5.6	4.2	6.8	.4	1.4	c
3312	Primary iron and steel products (except coke-oven products).....	15,999	100.0	1.8	16.6	59.4	3.0	6.2	3.9	7.6	.2	1.3	b
3315	Steel wire, nails, and spikes.....	291	100.0	1.8	27.0	54.9	.2	3.6	11.8	.7	-	-	d
332	Iron and steel castings.....	1,756	100.0	.9	9.6	77.9	1.8	3.0	5.2	.5	.3	.8	a
3321	Iron and steel castings.....	1,756	100.0	.9	9.6	77.9	1.8	3.0	5.2	.5	.3	.8	a
333	Nonferrous metals primary smelter products (slab, ingot, pig, etc., and residues).....	773	100.0	1.9	12.0	51.6	3.9	25.3	1.9	2.0	-	1.4	c
3334	Primary aluminum smelter products.....	725	100.0	2.0	11.8	50.0	4.2	26.9	1.6	2.1	-	1.4	c

See footnotes at end of table.

TABLE 3. Percent Distribution of Commodities, by Geographic Division of Destination: 1967--Continued

TCC code	Commodity	Number	Percent distribution by geographic division ¹ of destination										Sampling variability code ³
			All means of transport	New England	Middle Atlantic	East North Central	West North Central	South Atlantic	East South Central	West South Central	Mountain	Pacific ²	
	TONS OF SHIPMENTS--Continued	(thous. of tons)											
335	Nonferrous metal basic shapes.....	821	100.0	6.2	25.3	34.6	6.5	11.0	3.9	5.4	1.7	5.4	c
3351	Copper, brass, bronze, and other copper base alloy basic shapes.....	92	100.0	13.7	32.0	26.1	5.8	5.3	5.8	3.5	2.8	5.0	b
336	Nonferrous and nonferrous base alloy castings.....	228	100.0	2.0	18.8	63.1	4.9	3.4	4.3	2.2	.1	1.2	c
3361	Aluminum and aluminum base alloy castings.....	143	100.0	1.2	17.8	68.5	4.8	2.5	2.4	1.8	.1	.9	c
3369	Miscellaneous nonferrous metal castings	70	100.0	2.1	17.6	57.4	5.7	5.3	8.3	1.9	-	1.7	d
339	Miscellaneous primary metal products...	776	100.0	1.3	15.0	76.6	1.9	1.8	.9	1.0	.2	1.3	c
3391	Iron and steel forgings.....	472	100.0	.5	11.1	81.5	1.3	2.6	1.2	1.0	.2	.6	b
34	Fabricated metal products.....	4,207	100.0	2.9	14.7	51.5	6.8	10.5	5.7	3.0	1.6	3.3	b
341	Metal cans.....	137	100.0	3.4	9.4	66.4	6.4	5.1	4.2	3.5	-	1.6	d
3411	Metal cans.....	137	100.0	3.4	9.4	66.4	6.4	5.1	4.2	3.5	-	1.6	d
342	Cutlery, hand tools, and general hardware.....	228	100.0	2.4	15.6	38.8	18.6	14.7	1.1	1.7	2.6	4.5	d
3428	Builders' and cabinet hardware and fireplace equipment.....	8	100.0	1.7	30.6	39.4	2.8	3.2	.2	8.0	1.3	12.8	d
343	Plumbing fixtures and heating apparatus (except electric).....	176	100.0	13.5	18.2	19.3	10.2	16.4	5.7	9.9	1.5	5.3	d
3432	Plumbing fixture fittings (brass goods) and trim.....	58	100.0	4.0	17.7	38.7	11.9	17.5	2.0	.4	.1	7.7	d
3433	Heating equipment (except electric)....	50	100.0	25.1	23.7	12.4	12.5	16.8	1.6	.7	.3	6.9	d
344	Structural and miscellaneous metal products.....	1,165	100.0	5.3	20.2	38.1	3.9	13.1	10.7	3.2	3.5	2.0	d
3443	Fabricated plate products (boiler shop products).....	382	100.0	8.4	16.2	36.2	5.4	11.2	9.4	5.9	2.1	5.2	d
345	Bolts, nuts, screws, rivets, washers, and other industrial fasteners.....	307	100.0	3.1	21.5	57.1	2.7	8.0	4.6	.7	.9	1.4	d
3452	Bolts, nuts, screws, rivets, washers, and other industrial fasteners.....	307	100.0	3.1	21.5	57.1	2.7	8.0	4.6	.7	.9	1.4	d
346	Metal stampings.....	1,511	100.0	.4	6.2	67.5	8.9	7.7	2.7	1.9	.4	4.3	c
3461	Metal stampings.....	1,511	100.0	.4	6.2	67.5	8.9	7.7	2.7	1.9	.4	4.3	c
349	Miscellaneous fabricated metal products	614	100.0	1.4	21.3	46.1	5.0	12.2	4.3	4.7	1.3	3.7	d
3494	Valves and pipe fittings (except plumbers' brass goods and fittings)...	98	100.0	1.7	24.3	29.7	1.4	8.1	6.9	16.6	.9	10.4	d
3499	Fabricated metal products, n.e.c.....	204	100.0	2.1	20.5	41.1	3.2	13.6	8.0	5.2	3.3	3.0	d
35	Machinery, except electrical.....	1,982	100.0	2.7	18.9	45.8	5.0	9.2	4.7	6.6	1.8	5.3	a
351	Engines and turbines.....	7	100.0	-	29.0	22.0	3.7	.3	1.6	39.9	1.2	2.3	c
3511	Steam engines and turbines and steam turbine generator sets.....	2	100.0	.1	90.7	9.2	-	-	-	-	-	-	d
352	Farm machinery and equipment.....	231	100.0	2.4	15.5	52.4	10.4	8.5	3.4	2.3	1.3	3.8	d
3522	Farm machinery and equipment.....	231	100.0	2.4	15.5	52.4	10.4	8.5	3.4	2.3	1.3	3.8	d
353	Construction, mining, and materials handling machinery and equipment.....	496	100.0	1.8	24.6	34.6	4.0	9.8	7.0	5.8	4.0	8.4	d
3531	Construction machinery and equipment...	233	100.0	1.8	23.4	24.5	6.8	10.5	4.6	9.0	7.5	11.9	d
3536	Hoists, industrial cranes, and monorial systems.....	118	100.0	2.5	33.0	40.8	1.0	10.8	3.0	1.9	.2	6.8	d
3537	Industrial trucks, tractors, trailers, stackers, and metal skids, pallets, and platforms.....	83	100.0	1.8	22.1	42.9	1.5	6.4	16.4	3.6	.4	4.6	d
354	Metalworking machinery and equipment...	298	100.0	3.5	23.9	48.6	6.3	4.3	2.6	4.6	.5	5.7	d
3541	Machine tools, metal cutting types.....	102	100.0	3.6	30.5	29.4	11.5	2.9	1.5	10.2	1.2	9.2	d
3542	Machine tools, metal forming types.....	34	100.0	.3	15.0	53.3	10.2	9.2	1.7	4.3	.4	5.6	d
3544	Special dies and tools, die sets, jigs, fixtures, and industrial molds and patterns.....	22	100.0	1.3	14.6	65.4	1.6	5.5	6.9	3.1	.2	2.4	d

See footnotes at end of table.

TABLE 3. Percent Distribution of Commodities, by Geographic Division of Destination: 1967--Continued

TCC code	Commodity	Number	Percent distribution by geographic division ¹ of destination										Sampling variability code ³
			All means of transport	New England	Middle Atlantic	East North Central	West North Central	South Atlantic	East South Central	West South Central	Mountain	Pacific ²	
	TONS OF SHIPMENTS--Continued	(thous. of tons)											
3545	Machine tool accessories, measuring tools, and measuring devices.....	44	100.0	9.7	7.2	72.2	4.6	1.7	1.0	2.1	-	1.5	d
3548	Metalworking machinery (except machine tools).....	97	100.0	2.3	29.6	52.6	1.4	4.9	3.9	.3	0.1	4.9	b
355	Special industry machinery (except metalworking machinery).....	198	1100.0	6.7	17.0	33.7	3.3	10.0	8.3	15.5	1.3	4.2	c
3559	Miscellaneous special industry machinery.....	135	100.0	7.1	12.0	37.1	2.8	8.1	8.4	20.4	.8	3.3	d
356	General industrial machinery and equipment.....	329	100.0	3.2	14.5	55.9	1.9	12.6	4.8	3.8	1.0	2.3	d
3561	Pumps, air and gas compressors, and measuring and dispensing pumps, also pumping equipment.....	47	100.0	6.3	15.1	41.8	5.8	9.4	1.1	14.5	1.5	4.5	d
3562	Ball and roller bearings.....	77	100.0	.1	4.5	80.8	.8	.7	11.2	.7	.2	1.0	d
3566	Mechanical power transmission equipment, except ball and roller bearings.	6	100.0	7.6	13.3	54.1	-	4.7	7.8	2.7	.1	9.7	d
357	Office, computing, and accounting machines.....	56	100.0	2.5	28.0	37.6	7.4	10.2	3.4	5.3	1.1	4.5	b
358	Service industry machines.....	252	100.0	1.1	12.0	46.5	6.8	10.8	2.6	11.8	1.4	7.0	b
3585	Refrigerators and refrigeration machinery (except household), and complete air-conditioning units.....	240	100.0	1.0	12.0	46.5	6.4	10.9	2.5	12.2	1.5	7.0	b
3589	Miscellaneous service industry machines	12	100.0	4.8	12.9	42.4	15.2	9.5	4.6	3.1	.1	7.4	c
359	Miscellaneous machinery and parts (except electrical).....	115	100.0	.4	14.2	72.0	1.2	6.8	1.5	3.2	.2	.5	d
3599	Miscellaneous machinery and parts (except electrical).....	115	100.0	.4	14.2	72.1	1.2	6.8	1.5	3.1	.2	.5	d
36	Electrical machinery and equipment.....	1,554	100.0	4.5	17.9	32.7	6.8	12.5	6.0	7.2	4.1	8.3	a
362	Electrical industrial apparatus.....	305	100.0	2.6	12.1	52.4	3.4	5.8	14.1	7.5	.6	1.5	c
3621	Motors and generators.....	209	100.0	3.0	10.0	58.2	3.8	2.9	18.7	1.3	.6	1.5	d
363	Household appliances.....	733	100.0	6.4	19.0	24.7	7.9	15.4	3.7	7.3	7.2	8.4	a
3631	Household cooking equipment, all types.	67	100.0	15.0	13.5	18.5	11.3	8.0	8.1	11.1	13.1	1.4	b
364	Electric lighting and wiring equipment.	227	100.0	2.3	14.0	38.8	5.4	12.3	3.8	7.6	2.3	13.5	c
3642	Lighting fixtures.....	84	100.0	3.6	12.4	29.8	6.4	15.6	7.8	12.3	3.4	8.7	d
367	Electronic components or accessories...	48	100.0	5.4	23.0	40.0	3.1	5.5	.7	13.2	.4	8.7	c
369	Miscellaneous electrical machinery, equipment, and supplies.....	78	100.0	1.4	46.1	24.4	5.7	11.2	3.5	3.2	1.6	2.9	d
3699	Electrical machinery, equipment, and supplies, n.e.c.....	7	100.0	2.6	14.8	23.1	9.3	19.0	9.0	9.3	3.0	9.9	d
37	Transportation equipment.....	4,596	100.0	2.1	19.5	46.1	6.9	8.6	6.4	4.1	1.1	5.2	a
371	Motor vehicles and motor vehicle equipment.....	4,264	100.0	1.6	18.9	47.3	6.7	8.6	6.6	4.2	1.0	5.1	a
3711	Motor vehicles.....	1,372	100.0	3.0	37.5	25.6	4.7	11.5	5.2	4.8	3.0	4.7	a
3714	Motor vehicle parts and accessories....	2,757	100.0	.9	10.0	56.3	8.0	7.3	7.7	4.1	.1	5.6	a
3729	Aircraft parts and equipment, n.e.c....	19	100.0	.6	9.5	7.3	18.5	11.0	.4	10.0	23.1	19.6	d
374	Railroad equipment.....	162	100.0	2.7	44.5	18.8	10.1	10.5	5.0	.4	-	8.0	d
38	Instruments, photographic goods, optical goods, watches, and clocks.....	31	100.0	5.4	32.2	30.1	3.8	8.4	4.4	4.3	2.9	8.5	c
3999	Manufactured products, n.e.c.....	2	100.0	.1	48.3	15.7	-	6.7	1.4	26.7	.1	1.0	d

See footnotes at end of table.

TABLE 3. Percent Distribution of Commodities, by Geographic Division of Destination: 1967--Continued

TCC code	Commodity	Number	Percent distribution by geographic division ¹ of destination										Sampling variability code ³
			All means of transport	New England	Middle Atlantic	East North Central	West North Central	South Atlantic	East South Central	West South Central	Mountain	Pacific ²	
	TON-MILES OF SHIPMENTS	(millions of ton-miles)											
	Ohio, total.....	23,523	100.0	4.6	17.0	28.4	6.0	9.9	5.0	12.1	2.9	14.1	-
20	Food and kindred products.....	1,904	100.0	17.3	27.1	20.0	3.3	16.8	4.7	4.3	.8	5.7	-
201	Meat, poultry, and small game; fresh, chilled or frozen.....	657	100.0	36.7	37.1	14.0	.4	4.8	5.4	1.2	.1	.3	-
2013	Meat products.....	112	100.0	2.4	43.3	18.4	.1	7.6	27.1	.6	-	.5	-
2014	Animal byproducts, inedible.....	71	100.0	3.1	15.1	60.0	1.8	12.8	4.6	2.6	-	-	-
202	Dairy products.....	91	100.0	8.6	33.5	25.3	1.2	13.0	6.8	6.4	1.7	3.5	-
203	Canned and preserved fruits, vegetables, and seafoods.....	386	100.0	1.0	21.2	23.3	5.4	31.2	3.1	4.7	.1	10.0	-
208	Beverages and flavoring extracts.....	223	100.0	5.4	18.2	18.0	4.6	11.8	3.1	6.2	5.5	27.2	-
2082	Malt liquors.....	59	100.0	-	30.0	37.2	-	15.6	6.5	3.0	-	7.7	-
2086	Bottled and canned soft drinks and carbonated, mineral, and plain waters.	20	100.0	1.1	29.9	49.7	1.7	12.2	5.4	-	-	-	-
209	Miscellaneous food preparations and kindred products.....	175	100.0	.2	7.8	35.9	15.5	16.8	10.0	11.7	-	2.1	-
22	Basic textiles.....	74	100.0	5.5	14.4	12.5	4.0	32.8	6.8	2.3	5.8	15.9	-
229	Miscellaneous basic textiles.....	56	100.0	5.3	16.6	16.1	5.3	37.2	4.5	2.7	1.1	21.2	-
24	Lumber and wood products, except furniture.....	274	100.0	1.1	11.6	29.2	3.4	17.6	2.8	18.1	.7	15.5	-
25	Furniture and fixtures.....	142	100.0	6.5	10.9	11.1	9.4	12.4	2.5	20.4	4.7	22.1	-
251	Household and office furniture.....	95	100.0	7.8	12.2	7.6	5.9	14.3	2.6	25.3	2.8	21.5	-
2512	Tables or desks.....	19	100.0	21.3	25.0	9.5	9.7	15.4	1.8	10.1	5.2	2.0	-
2517	Cabinets and cases.....	45	100.0	3.4	6.5	1.2	4.4	10.9	2.0	35.3	.9	35.4	-
254	Partitions, shelving, lockers, and office and store fixtures.....	38	100.0	4.7	9.9	16.3	9.9	8.8	2.7	13.0	10.2	24.5	-
2542	Metal partitions, shelving, lockers, and office and store fixtures.....	38	100.0	4.7	9.9	16.3	9.9	8.8	2.7	13.0	10.2	24.5	-
26	Pulp, paper, and allied products.....	670	100.0	6.0	17.6	33.6	11.9	10.7	4.1	7.0	.6	8.5	-
262	Paper (except building paper).....	282	100.0	13.3	25.3	18.7	14.6	11.0	2.5	6.0	.3	8.3	-
2621	Paper (except building paper).....	282	100.0	13.3	25.3	18.7	14.6	11.0	2.5	6.0	.3	8.3	-
263	Paperboard, fiberboard, and pulpboard (except insulating board).....	117	100.0	.9	14.4	46.1	11.5	10.0	3.8	11.5	1.8	-	-
2631	Paperboard, fiberboard, and pulpboard (except insulating board).....	117	100.0	.9	14.4	46.1	11.5	10.0	3.8	11.5	1.8	-	-
264	Converted paper and paperboard products (except containers and boxes).....	75	100.0	1.5	14.6	24.7	11.4	5.7	4.0	4.0	1.0	33.1	-
2642	Envelopes (except stationery).....	7	100.0	1.1	27.0	22.3	4.2	23.1	14.6	1.7	3.5	2.5	-
2645	Die-cut paper and paperboard products (including cardboard).....	1	100.0	2.2	11.3	8.7	2.9	10.5	3.2	5.7	5.6	49.9	-
265	Containers, boxes and related products, paperboard, fiberboard, and pulpboard.	182	100.0	.4	9.4	49.7	9.2	13.4	5.1	7.6	.3	4.9	-
2651	Containers, boxes, baskets, pallets and skids, paperboard, fiberboard, and pulpboard.....	168	100.0	.3	9.5	52.6	8.4	13.4	3.7	7.2	-	4.9	-
28	Chemicals and allied products.....	2,633	100.0	4.2	19.0	29.4	5.1	11.1	8.3	5.8	1.6	15.5	-
281	Industrial chemicals.....	909	100.0	4.2	25.7	17.0	4.3	11.4	8.0	6.9	2.9	19.6	-
2818	Miscellaneous industrial organic chemicals.....	91	100.0	-	35.1	18.8	6.1	9.0	12.4	2.9	.3	15.4	-
2819	Miscellaneous industrial inorganic chemicals.....	39	100.0	-	47.4	35.9	-	14.2	1.4	1.0	-	.1	-
282	Plastic materials and plasticizers, synthetic resins, rubbers, and fibers.	333	100.0	10.6	18.0	23.1	6.5	11.0	7.3	6.4	1.9	15.2	-
2821	Plastic materials and plasticizers, synthetic resins, rubbers, and fibers.	333	100.0	10.6	18.0	23.1	6.5	11.0	7.3	6.4	1.9	15.2	-

See footnotes at end of table.

TABLE 3. Percent Distribution of Commodities, by Geographic Division of Destination: 1967--Continued

TCC code	Commodity	Number	Percent distribution by geographic division ¹ of destination										Sampling variability code ³
			All means of transport	New England	Middle Atlantic	East North Central	West North Central	South Atlantic	East South Central	West South Central	Mountain	Pacific ²	
	TON-MILES OF SHIPMENTS--Continued	(millions of ton-miles)											
284	Soap and detergents, cleaning preparations, perfumes, cosmetics, and other toilet preparations.....	333	100.0	2.6	14.8	22.2	9.9	12.5	7.4	6.8	1.1	22.7	-
2841	Soap and other detergents (except specialty cleansers).....	217	100.0	1.1	16.5	31.5	10.3	11.5	7.8	8.6	.6	12.1	-
2842	Specialty cleaning, polishing, and sanitation preparations (except soap and detergents).....	19	100.0	5.5	3.6	11.4	31.1	6.1	2.6	6.3	8.8	24.6	-
285	Paints, varnishes, lacquers, enamels, and allied products.....	223	100.0	3.5	12.6	25.3	10.7	12.9	9.5	12.8	1.2	11.5	-
2851	Paints, varnishes, lacquers, enamels, and allied products.....	223	100.0	3.5	12.6	25.3	10.7	12.9	9.5	12.8	1.2	11.5	-
29	Petroleum and coal products.....	837	100.0	.2	18.8	50.1	.9	19.1	3.0	5.6	.2	2.1	-
291	Products of petroleum refining.....	523	100.0	.1	16.7	64.4	1.0	2.7	3.7	8.5	.2	2.7	-
2911	Products of petroleum refining (except liquefied petroleum gases and petroleum coke and breeze).....	487	100.0	-	17.5	64.1	1.0	2.9	2.2	9.2	.2	2.9	-
2912	Liquefied petroleum and coal gases.....	36	100.0	.7	7.3	68.9	-	-	23.1	-	-	-	-
295	Paving and roofing materials.....	71	100.0	1.5	38.0	35.4	.6	10.4	7.7	2.3	1.3	2.8	-
2952	Asphalt felt and coatings.....	64	100.0	1.2	38.5	34.9	.6	9.5	8.4	2.4	1.5	3.0	-
30	Rubber and miscellaneous plastics products.....	874	100.0	1.9	12.9	17.0	9.8	8.7	4.7	8.2	4.8	32.0	-
301	Tires and inner tubes.....	438	100.0	1.9	11.6	11.1	10.1	10.2	5.0	9.2	4.6	36.3	-
3011	Tires and inner tubes.....	438	100.0	1.9	11.6	11.1	10.1	10.2	5.0	9.2	4.6	36.3	-
306	Miscellaneous fabricated rubber products.....	286	100.0	1.8	12.1	25.9	8.5	7.5	3.7	6.7	2.4	31.4	-
3061	Miscellaneous fabricated rubber products.....	286	100.0	1.8	12.1	25.9	8.5	7.5	3.7	6.7	2.4	31.4	-
307	Miscellaneous plastic products.....	137	100.0	2.2	17.7	16.0	12.7	7.1	2.1	9.1	10.7	22.4	-
3071	Miscellaneous plastic products.....	137	100.0	2.2	17.7	16.0	12.7	7.1	2.1	9.1	10.7	22.4	-
32	Stone, clay, and glass products.....	2,494	100.0	3.4	18.1	40.2	4.3	12.0	4.4	6.4	2.5	8.7	-
322	Glass and glassware, pressed and blown.	529	100.0	4.0	27.1	12.0	8.6	7.9	2.7	7.7	3.4	26.6	-
3229	Glass products (except flat glass and glass containers).....	409	100.0	4.5	24.8	8.9	7.1	9.0	2.3	8.7	4.4	30.3	-
325	Structural clay products.....	845	100.0	3.9	22.5	53.4	1.2	9.3	3.0	2.5	.4	3.8	-
3251	Brick and structural clay tile.....	401	100.0	1.2	26.7	66.2	.8	2.5	1.5	.8	-	.3	-
3255	Refractories, clay and nonclay.....	264	100.0	1.3	17.3	49.5	1.1	18.9	6.0	2.8	.1	3.0	-
3259	Miscellaneous structural clay products.	118	100.0	10.8	20.9	40.2	.3	8.8	1.2	2.5	.9	14.4	-
326	Pottery and related products.....	130	100.0	7.3	4.7	14.3	4.0	12.7	14.8	13.6	12.0	16.6	-
327	Concrete, gypsum, plaster, and plaster products.....	297	100.0	3.8	11.8	26.1	6.1	34.7	8.1	9.2	.2	-	-
3271	Concrete products.....	61	100.0	9.8	18.7	57.7	1.9	9.0	2.1	-	.8	-	-
33	Primary metal products.....	7,984	100.0	2.9	15.9	32.5	5.2	5.6	4.6	20.3	2.2	10.8	-
331	Steel works and rolling mill products..	6,791	100.0	2.7	16.3	32.7	4.9	4.3	4.3	22.7	2.1	10.0	-
3312	Primary iron and steel products (except coke-oven products).....	4,653	100.0	3.0	12.2	30.8	6.6	5.2	4.7	27.2	.9	9.4	-
3315	Steel wire, nails, and spikes.....	60	100.0	5.1	31.9	42.5	.5	3.4	14.0	2.5	-	.1	-
332	Iron and steel castings.....	334	100.0	2.3	10.5	50.7	6.2	4.8	12.0	2.6	2.2	8.7	-
3321	Iron and steel castings.....	334	100.0	2.3	10.5	50.7	6.2	4.8	12.0	2.6	2.2	8.7	-
333	Nonferrous metals primary smelter products (slab, ingot, pig, etc., and residues).....	228	100.0	3.3	10.2	23.4	7.2	38.1	2.7	5.3	-	9.8	-
3334	Primary aluminum smelter products.....	221	100.0	3.4	9.9	22.2	7.3	39.5	2.2	5.4	-	10.1	-

See footnotes at end of table.

TABLE 3. Percent Distribution of Commodities, by Geographic Division of Destination: 1967--Continued

TCC code	Commodity	Number	Percent distribution by geographic division ¹ of destination										Sampling variability code ³
			All means of transport	New England	Middle Atlantic	East North Central	West North Central	South Atlantic	East South Central	West South Central	Mountain	Pacific ²	
	TON-MILES OF SHIPMENTS--Continued	(millions of ton-miles)											
335	Nonferrous metal basic shapes.....	391	100.0	6.7	14.2	12.8	8.7	11.6	3.9	11.2	4.9	26.0	-
3351	Copper, brass, bronze, and other copper base alloy basic shapes.....	42	100.0	14.2	18.8	11.0	8.5	4.1	5.4	7.5	7.9	22.6	-
336	Nonferrous and nonferrous base alloy castings.....	65	100.0	3.7	19.9	37.9	9.5	6.3	6.2	7.6	.6	8.3	-
3361	Aluminum and aluminum base alloy castings.....	38	100.0	2.3	18.9	45.2	11.1	3.8	4.5	6.5	1.0	6.7	-
3369	Miscellaneous nonferrous metal castings	22	100.0	3.9	22.4	29.3	8.0	10.9	9.2	5.6	-	10.7	-
339	Miscellaneous primary metal products...	174	100.0	2.7	19.0	50.2	5.6	3.0	1.7	4.7	1.4	11.7	-
3391	Iron and steel forgings.....	98	100.0	1.1	12.3	63.5	4.0	4.3	2.4	5.2	1.4	5.8	-
34	Fabricated metal products.....	1,518	100.0	4.1	11.5	22.2	11.1	10.9	6.4	8.4	6.7	18.7	-
341	Metal cans.....	40	100.0	6.2	9.5	37.4	13.6	6.7	3.8	11.1	-	11.7	-
3411	Metal cans.....	40	100.0	6.2	9.5	37.4	13.6	6.7	3.8	11.1	-	11.7	-
342	Cutlery, hand tools, and general hardware.....	106	100.0	3.0	10.6	13.6	25.9	12.3	1.1	3.6	10.3	19.6	-
3428	Builders' and cabinet hardware and fireplace equipment.....	5	100.0	1.5	18.6	17.1	2.3	3.0	.1	12.1	2.8	42.5	-
343	Plumbing fixtures and heating apparatus (except electric).....	103	100.0	12.2	10.8	6.6	10.2	11.6	6.6	19.2	4.4	18.4	-
3432	Plumbing fixture fittings (brass goods) and trim.....	27	100.0	4.3	13.8	15.2	12.7	17.4	2.2	.8	.3	33.3	-
3433	Heating equipment (except electric)....	28	100.0	25.8	15.6	6.3	13.2	10.3	1.2	1.2	.9	25.5	-
344	Structural and miscellaneous metal products.....	447	100.0	6.8	13.7	17.3	7.0	11.4	10.4	9.2	13.9	10.3	-
3443	Fabricated plate products (boiler shop products).....	191	100.0	8.9	8.9	17.0	7.3	7.5	10.2	12.6	6.5	21.1	-
345	Bolts, nuts, screws, rivets, washers, and other industrial fasteners.....	100	100.0	4.8	18.6	38.7	5.0	11.6	6.3	2.3	3.3	9.4	-
3452	Bolts, nuts, screws, rivets, washers, and other industrial fasteners.....	100	100.0	4.8	18.6	38.7	5.0	11.6	6.3	2.3	3.3	9.4	-
346	Metal stampings.....	482	100.0	.7	6.9	29.6	15.2	8.6	3.1	6.2	1.8	27.9	-
3461	Metal stampings.....	482	100.0	.7	6.9	29.6	15.2	8.6	3.1	6.2	1.8	27.9	-
349	Miscellaneous fabricated metal products	223	100.0	2.2	13.6	17.4	7.0	14.5	7.0	11.5	5.5	21.3	-
3494	Valves and pipe fittings (except plumbers' brass goods and fittings)...	59	100.0	1.7	15.0	10.9	1.4	4.0	3.6	24.3	2.0	37.1	-
3499	Fabricated metal products, n.e.c.....	87	100.0	2.5	9.4	12.6	4.1	18.6	14.0	11.2	12.6	15.0	-
35	Machinery, except electrical.....	891	100.0	3.6	15.3	16.9	6.5	10.4	4.0	13.8	5.5	24.0	-
351	Engines and turbines.....	5	100.0	-	15.8	8.7	3.5	.2	1.0	62.1	2.4	6.3	-
3511	Steam engines and turbines and steam turbine generator sets.....	1	100.0	.1	97.8	2.1	-	-	-	-	-	-	-
352	Farm machinery and equipment.....	93	100.0	3.9	15.4	23.6	14.9	9.1	4.2	5.6	3.9	19.4	-
3522	Farm machinery and equipment.....	93	100.0	3.9	15.4	23.6	14.9	9.1	4.2	5.6	3.9	19.4	-
353	Construction, mining, and materials handling machinery and equipment.....	271	100.0	1.9	14.4	12.1	5.4	7.9	5.4	10.4	10.4	32.1	-
3531	Construction machinery and equipment...	160	100.0	1.5	12.2	4.4	7.7	7.0	2.9	13.0	15.0	36.3	-
3536	Hoists, industrial cranes, and monorail systems.....	52	100.0	3.5	20.9	25.5	1.0	11.6	2.2	3.7	.8	30.8	-
3537	Industrial trucks, tractors, trailers, stackers, and metal skids, pallets, and platforms.....	34	100.0	2.1	15.2	19.5	2.1	6.4	18.8	9.6	1.7	24.6	-
354	Metalworking machinery and equipment...	123	100.0	5.3	19.1	20.0	8.3	4.2	2.5	10.5	1.8	28.3	-
3541	Machine tools, metal cutting types.....	58	100.0	4.0	20.7	7.9	11.3	2.6	.8	17.4	3.1	32.2	-
3542	Machine tools, metal forming types.....	15	100.0	.5	15.0	21.5	12.0	9.2	1.4	7.2	1.0	32.2	-
3544	Special dies and tools, die sets, jigs, fixtures, and industrial molds and patterns.....	5	100.0	3.0	19.4	28.8	3.9	9.8	11.2	11.8	.9	11.2	-

See footnotes at end of table.

TABLE 3. Percent Distribution of Commodities, by Geographic Division of Destination: 1967--Continued

TCC code	Commodity	Number	Percent distribution by geographic division ¹ of destination										Sampling variability code ³
			All means of transport	New England	Middle Atlantic	East North Central	West North Central	South Atlantic	East South Central	West South Central	Mountain	Pacific ²	
	TON-MILES OF SHIPMENTS--Continued	(millions of ton-miles)											
3545	Machine tool accessories, measuring tools, and measuring devices.....	13	100.0	19.0	8.3	44.1	7.7	2.4	0.9	7.1	0.1	10.4	-
3548	Metalworking machinery (except machine tools).....	32	100.0	4.7	22.6	30.0	2.2	4.8	5.1	.8	.5	29.3	-
355	Special industry machinery (except metalworking machinery).....	104	100.0	7.6	14.4	12.7	3.6	9.1	4.7	27.3	3.8	16.8	-
3559	Miscellaneous special industry machinery.....	68	100.0	7.9	9.4	14.8	3.4	6.1	4.7	37.5	2.5	13.7	-
356	General industrial machinery and equipment.....	118	100.0	4.9	15.0	20.9	3.2	24.0	4.8	10.1	4.0	13.1	-
3561	Pumps, air and gas compressors, and measuring and dispensing pumps, also pumping equipment.....	24	100.0	7.3	13.0	17.3	6.1	7.9	.8	26.3	3.9	17.4	-
3562	Ball and roller bearings.....	13	100.0	.2	7.6	47.8	3.1	2.3	22.6	3.3	1.3	11.8	-
3566	Mechanical power transmission equipment, except ball and roller bearings.	3	100.0	10.9	5.1	20.7		5.2	11.4	5.4	.3	41.0	-
357	Office, computing, and accounting machines.....	25	100.0	3.5	26.4	9.4	11.5	11.7	3.1	11.2	3.6	19.6	-
358	Service industry machines.....	125	100.0	1.6	10.7	13.4	6.5	11.8	2.0	21.8	4.2	28.0	-
3585	Refrigerators and refrigeration machinery (except household), and complete air-conditioning units.....	119	100.0	1.4	10.6	13.7	5.8	11.9	1.9	22.6	4.4	27.7	-
3589	Miscellaneous service industry machines	6	100.0	6.1	12.6	8.1	21.4	9.8	4.9	5.2	.5	31.4	-
359	Miscellaneous machinery and parts (except electrical).....	29	100.0	.9	20.8	49.8	2.6	8.2	1.5	10.7	1.2	4.3	-
3599	Miscellaneous machinery and parts (except electrical).....	29	100.0	.9	20.8	49.8	2.6	8.2	1.5	10.7	1.2	4.3	-
36	Electrical machinery and equipment.....	882	100.0	4.9	12.0	9.2	7.2	10.9	3.9	11.7	9.9	30.3	-
362	Electrical industrial apparatus.....	107	100.0	4.8	13.9	24.9	5.7	9.9	10.3	18.7	1.9	9.9	-
3621	Motors and generators.....	59	100.0	6.9	14.0	29.4	8.5	4.8	16.8	4.3	2.7	12.6	-
363	Household appliances.....	467	100.0	6.3	12.4	5.4	7.2	12.5	2.7	10.7	15.7	27.1	-
3631	Household cooking equipment, all types.	43	100.0	15.1	7.4	4.3	11.2	8.3	6.4	16.8	26.1	4.4	-
364	Electric lighting and wiring equipment.	140	100.0	2.0	8.1	8.3	5.5	8.8	3.1	12.6	5.1	46.5	-
3642	Lighting fixtures.....	56	100.0	2.8	6.2	10.6	6.8	12.5	6.4	19.6	7.9	27.2	-
367	Electronic components or accessories...	26	100.0	5.3	18.7	16.5	3.1	4.9	.6	18.3	1.1	31.5	-
369	Miscellaneous electrical machinery, equipment, and supplies.....	29	100.0	2.2	32.2	11.8	9.1	10.4	3.5	8.8	6.2	15.8	-
3699	Electrical machinery, equipment, and supplies, n.e.c.....	4	100.0	2.3	10.1	7.2	10.3	13.1	4.6	13.7	5.9	32.8	-
37	Transportation equipment.....	1,953	100.0	2.8	17.7	18.2	9.5	8.9	5.1	9.8	3.6	24.4	-
371	Motor vehicles and motor vehicle equipment.....	1,814	100.0	2.1	18.3	18.5	9.3	8.9	5.3	10.0	3.4	24.2	-
3711	Motor vehicles.....	703	100.0	3.3	31.5	8.8	5.8	10.4	4.6	8.6	8.4	18.6	-
3714	Motor vehicle parts and accessories....	1,081	100.0	1.4	9.5	23.7	11.8	7.8	5.9	11.2	.3	28.4	-
3729	Aircraft parts and equipment, n.e.c....	20	100.0	.4	4.5	1.2	8.9	6.5	.1	8.0	33.8	36.6	-
374	Railroad equipment.....	62	100.0	5.3	11.3	13.0	17.1	7.0	4.1	.9	-	41.3	-
38	Instruments, photographic goods, optical goods, watches, and clocks.....	17	100.0	5.2	21.1	13.2	4.0	5.9	5.1	7.7	7.4	30.4	-
3999	Manufactured products, n.e.c.....	1	100.0	.1	26.3	4.6	-	4.7	1.5	59.2	.1	3.5	-

¹For States in the geographic division, see map on inside cover.²Shipments to Alaska and Hawaii from the 48 conterminous States and the District of Columbia are included; no data were obtained for shipments originating in Alaska and Hawaii.³Code letter indicates a sampling variability range as follows: a, 0-9 percent; b, 10-19 percent; c, 20-29 percent; and d, 30-50 percent. The variability for ton-miles has not been estimated.

PENNSYLVANIA

SUMMARY

The estimates of tons and ton-miles are based on reports from a sample of manufacturing establishments located in the State of Pennsylvania. The total tons and ton-miles represent the total intercity shipments by essentially all manufacturing establishments in the State, except for plants with less than 20 employees. However, since the data are based on a sample, the estimates necessarily are subject to "sampling variability."

The approximate degree of sampling variability for tons for each commodity or commodity class is indicated in the last column of tables 1 to 3. In general, most of the commodity data in this report are subject to substantial sampling variability and should be treated as approximate rather than precise measures.

About 103 million tons of commodities were shipped by plants in this area to destinations beyond the local area. These shipments gener-

ated 36 billion ton-miles by all means of transport combined, and averaged about 348 straight-line miles per ton shipped.

Table B indicates that 40 percent of the tons moved less than 100 miles and that mileage block accounts for only about 5 percent of the ton-miles.

Motor carrier is the dominant means of transport, accounting for 35 percent of the total tons. When measured in terms of ton-miles rather than tons, water becomes the dominant means of transport, accounting for 40 percent of the total ton-miles.

As shown in table C, almost 53 percent of the total tons shipped by plants in Pennsylvania remained in the Northeast Region. However, for some commodity groups (such as Miscellaneous Products of Manufacturing and Machinery) a somewhat more widespread distribution is indicated.

Table A. PERCENT DISTRIBUTION OF SHIPMENTS, AND AVERAGE LENGTH OF HAUL, BY MEANS OF TRANSPORT

Means of transport	Tons	Ton-miles	Average length of haul
	(thousands)	(millions)	(miles)
All commodities.....	103,007	35,810	
ALL COMMODITIES			
Percent distribution			
All means of transport.....	100.0	100.0	348
Rail.....	29.3	31.6	375
Motor carrier.....	34.9	23.4	233
Private truck.....	13.0	4.3	115
Air.....	-	.1	-
Water.....	22.5	40.3	-
All other.....	.3	.3	-

Note: Average length of haul is based on straight-line miles from plant to customer or primary redistribution point, weighted by tonnage shipped (i.e., ton-miles divided by tons). Rail short-line and highway direct-route distances average about 24 and 21 percent, respectively, longer than straight-line distances.

Table B. PERCENT DISTRIBUTION OF SHIPMENTS BY DISTANCE OF SHIPMENT

Distance shipped	Tons	Ton-miles
ALL COMMODITIES		
All distances.....	100.0	100.0
Under 100 miles.....	39.6	4.9
100 to 199 miles.....	16.1	6.5
200 to 299 miles.....	11.3	7.9
300 to 499 miles.....	12.6	14.0
500 to 999 miles.....	7.4	14.9
1,000 to 1,499 miles.....	11.1	39.6
1,500 miles and over.....	1.9	12.2

Table C. PERCENT DISTRIBUTION OF TONS OF COMMODITIES BY REGION OF DESTINATION

TCC code	Commodity class	Tons (thousands)	Percent distribution by region ¹ of destination				
			All destinations	North-east	North Central	South	West
	Total.....	² 103,007	100.0	52.7	20.6	24.8	1.9
20	Food and kindred products.....	9,412	100.0	62.7	11.3	24.7	1.3
22	Basic textiles.....	1,158	100.0	48.5	9.2	34.8	7.5
25	Furniture and fixtures.....	544	100.0	58.2	16.1	22.5	3.2
26	Pulp, paper, and allied products.....	5,561	100.0	62.9	12.5	23.1	1.5
28	Chemicals and allied products.....	7,590	100.0	60.5	14.0	23.0	2.5
30	Rubber and miscellaneous plastics products.....	779	100.0	37.3	31.9	26.8	4.0
31	Leather and leather products.....	34	100.0	45.9	19.1	27.5	7.5
32	Stone, clay, and glass products.....	14,039	100.0	62.1	25.5	11.5	.9
33	Primary metal products.....	26,900	100.0	41.7	38.4	17.5	2.4
34	Fabricated metal products.....	4,977	100.0	52.3	18.3	24.1	5.3
35	Machinery, except electrical.....	1,573	100.0	42.1	27.1	22.9	7.9
36	Electrical machinery and equipment.....	1,624	100.0	33.7	36.9	22.1	7.3
37	Transportation equipment.....	1,700	100.0	39.8	32.2	24.9	3.1
39	Miscellaneous products of manufacturing.....	267	100.0	39.0	15.2	34.8	11.0

¹See map on inside cover for areas included in the regions of the United States.

²Total includes commodities not shown separately.

TABLE 1. Percent Distribution of Commodities, by Means of Transport: 1967

TCC code	Commodity	Number	Percent distribution by means of transport								Sampling variability code ¹
			All means of transport	Rail	Motor carrier	Private truck	Air	Water	Other	Unknown	
	TONS OF SHIPMENTS	(thousands of tons)									
	Pennsylvania, total.....	103,007	100.0	29.3	34.9	13.0	-	22.5	0.2	0.1	-
20	Food and kindred products.....	9,412	100.0	15.1	31.8	52.9	-	.2	-	-	b
201	Meat, poultry, and small game; fresh, chilled or frozen.....	1,096	100.0	2.7	37.4	59.8	-	.1	-	-	d
202	Dairy products.....	383	100.0	1.0	30.6	68.4	-	-	-	-	b
203	Canned and preserved fruits, vegetables, and seafoods.....	1,226	100.0	15.6	65.0	19.3	-	.1	-	-	c
2033	Canned fruits and vegetables.....	521	100.0	3.7	66.8	29.4	-	.1	-	-	d
207	Confectionery and related products.....	817	100.0	28.9	69.5	.2	-	1.4	-	-	c
2071	Confectionery and related products.....	817	100.0	28.9	69.5	.2	-	1.4	-	-	c
208	Beverages and flavoring extracts.....	2,994	100.0	1.9	15.0	83.0	-	-	-	.1	b
2082	Malt liquors.....	957	100.0	.8	20.0	79.0	-	-	-	.2	c
2086	Bottled and canned soft drinks and carbonated, mineral, and plain waters.	1,884	100.0	-	10.1	89.9	-	-	-	-	c
2087	Miscellaneous flavoring extracts, sirups, and flavoring compounds (except chocolate sirups).....	29	100.0	6.9	28.6	63.2	-	-	1.3	-	d
209	Miscellaneous food preparations and kindred products.....	696	100.0	15.0	33.9	51.1	-	-	-	-	d
2099	Miscellaneous food preparations.....	330	100.0	9.0	37.3	53.7	-	-	-	-	d
22	Basic textiles.....	1,158	100.0	3.1	80.3	16.2	0.1	-	.3	-	d
222	Man-made fiber and silk broadwoven fabrics.....	109	100.0	-	85.3	13.8	.2	.1	.6	-	d
2221	Man-made fiber broadwoven fabrics.....	108	100.0	-	85.2	13.9	.2	.1	.6	-	d
227	Carpets, rugs, and mats, textile.....	238	100.0	12.7	86.5	.8	-	-	-	-	b
228	Thread and yarn (cotton, wool, silk, and man-made fiber).....	86	100.0	1.0	63.5	34.4	.3	-	.8	-	b
2281	Yarn.....	77	100.0	.4	61.4	38.2	-	-	-	-	b
231	Men's, youths', and boys' clothing.....	109	100.0	5.6	64.6	20.1	3.6	-	6.1	-	d
2311	Men's, youths', and boys' clothing.....	109	100.0	5.6	64.6	20.1	3.6	-	6.1	-	d
233	Women's, misses', girls', and infants' clothing.....	117	100.0	21.3	58.4	5.5	.6	.1	14.1	-	d
2331	Women's, misses', girls', and infants' clothing.....	117	100.0	21.3	58.4	5.5	.6	.1	14.1	-	d
244	Wooden containers.....	26	100.0	17.2	82.8	-	-	-	-	-	d
2441	Wooden containers.....	26	100.0	17.2	82.8	-	-	-	-	-	d
25	Furniture and fixtures.....	544	100.0	15.0	53.1	31.4	-	.1	.3	.1	d
251	Household and office furniture.....	409	100.0	19.9	46.6	32.7	-	.2	.4	.2	c
2513	Couches, davenports, love seats, sofas, and settees.....	34	100.0	17.1	15.6	67.2	-	-	.1	-	d
2517	Cabinets and cases.....	49	100.0	26.1	31.2	41.1	-	-	1.3	.3	d
26	Pulp, paper, and allied products.....	5,561	100.0	35.9	39.5	24.5	-	.1	-	-	b
262	Paper (except building paper).....	1,920	100.0	36.5	58.9	4.5	-	.1	-	-	b
2621	Paper (except building paper).....	1,920	100.0	36.5	58.9	4.5	-	.1	-	-	b
263	Paperboard, fiberboard, and pulpboard (except insulating board).....	823	100.0	28.7	23.9	47.4	-	-	-	-	d
2631	Paperboard, fiberboard, and pulpboard (except insulating board).....	823	100.0	28.7	23.9	47.4	-	-	-	-	d
264	Converted paper and paperboard products (except containers and boxes).....	790	100.0	39.3	45.2	15.3	-	-	.1	.1	b
2649	Miscellaneous converted paper products and paperboard products.....	262	100.0	13.5	78.0	7.8	.1	.1	.1	.1	d
265	Containers, boxes and related products, paperboard, fiberboard, and pulpboard.	1,175	100.0	15.7	20.8	63.4	-	-	-	.1	c
2651	Containers, boxes, baskets, pallets and skids, paperboard, fiberboard, and pulpboard.....	981	100.0	11.8	17.3	70.8	-	-	-	.1	c
2654	Sanitary food containers.....	113	100.0	45.0	52.4	2.3	-	.3	-	-	b

See footnote at end of table.

TABLE 1. Percent Distribution of Commodities, by Means of Transport: 1967--Continued

TCC code	Commodity	Number	Percent distribution by means of transport								Sampling variability code ¹
			All means of transport	Rail	Motor carrier	Private truck	Air	Water	Other	Unknown	
	TONS OF SHIPMENTS--Continued	(thousands of tons)									
28	Chemicals and allied products.....	7,590	100.0	30.4	39.5	17.7	-	12.3	0.1	-	d
281	Industrial chemicals.....	5,209	100.0	36.3	31.6	14.6	-	17.5	-	-	d
2812	Basic inorganic chemical compounds (including chlorine, potassium, and sodium compounds).....	55	100.0	26.4	71.0	2.6	-	-	-	-	c
2816	Inorganic pigments.....	375	100.0	59.8	35.1	4.5	-	.6	-	-	d
2818	Miscellaneous industrial organic chemicals.....	626	100.0	22.6	64.0	11.4	-	1.9	.1	-	c
282	Plastic materials and plasticizers, synthetic resins, rubbers, and fibers.	642	100.0	31.6	57.2	10.2	0.1	.8	.1	-	a
2821	Plastic materials and plasticizers, synthetic resins, rubbers, and fibers.	642	100.0	31.6	57.2	10.2	.1	.8	.1	-	a
283	Drugs (biological products, medicinal chemicals, botanical products and pharmaceutical preparations).....	236	100.0	17.3	77.2	2.6	.2	2.2	.5	-	c
2831	Drugs (biological products, medicinal chemicals, botanical products and pharmaceutical preparations).....	236	100.0	17.3	77.2	2.6	.2	2.2	.5	-	c
284	Soap and detergents, cleaning preparations, perfumes, cosmetics, and other toilet preparations.....	376	100.0	14.4	72.8	10.5	-	2.1	.2	-	a
2842	Specialty cleaning, polishing, and sanitation preparations (except soap and detergents).....	185	100.0	24.7	67.1	6.9	-	1.1	.2	-	b
285	Paints, varnishes, lacquers, enamels, and allied products.....	244	100.0	2.6	90.5	5.4	.1	-	1.4	-	c
2851	Paints, varnishes, lacquers, enamels, and allied products.....	244	100.0	2.6	90.5	5.4	.1	-	1.4	-	c
287	Agricultural chemicals.....	74	100.0	50.5	35.5	14.0	-	-	-	-	c
289	Miscellaneous chemical products.....	810	100.0	10.3	34.0	54.8	.1	.7	.1	-	d
2891	Glue and gelatin.....	72	100.0	-	51.1	39.1	.5	7.9	1.4	-	d
2899	Chemical products, n.e.c.....	533	100.0	15.6	41.0	43.4	-	-	-	-	d
295	Paving and roofing materials.....	323	100.0	28.9	56.3	14.8	-	-	-	-	b
2952	Asphalt felt and coatings.....	225	100.0	19.0	63.2	17.8	-	-	-	-	b
299	Miscellaneous petroleum and coal products.....	367	100.0	37.7	20.8	41.5	-	-	-	-	d
2991	Miscellaneous petroleum and coal products.....	367	100.0	37.7	20.8	41.5	-	-	-	-	d
30	Rubber and miscellaneous plastics products.....	779	100.0	27.0	67.7	4.0	.1	.2	1.0	-	b
301	Tires and inner tubes.....	273	100.0	35.0	64.6	.4	-	-	-	-	d
3011	Tires and inner tubes.....	273	100.0	35.0	64.6	.4	-	-	-	-	d
307	Miscellaneous plastic products.....	273	100.0	31.3	59.9	8.2	.2	.3	.1	-	b
3071	Miscellaneous plastic products.....	273	100.0	31.3	59.9	8.2	.2	.3	.1	-	b
31	Leather and leather products.....	34	100.0	3.1	87.1	3.2	-	-	6.5	0.1	d
314	Footwear (except rubber).....	23	100.0	.1	89.0	4.7	-	-	6.2	-	d
3141	Footwear (except house slippers and rubber footwear).....	23	100.0	.1	89.0	4.7	-	-	6.2	-	d
32	Stone, clay, and glass products.....	14,039	100.0	31.3	60.8	7.9	-	-	-	-	b
322	Glass and glassware, pressed and blown.	1,659	100.0	14.2	82.1	3.7	-	-	-	-	c
3221	Glass containers, caps and covers.....	1,588	100.0	13.7	82.7	3.6	-	-	-	-	c
3229	Glass products (except flat glass and glass containers).....	71	100.0	24.0	69.1	6.3	.1	.2	.2	.1	d
324	Hydraulic cement.....	7,633	100.0	33.5	65.6	.9	-	-	-	-	d
3241	Hydraulic cement.....	7,633	100.0	33.5	65.6	.9	-	-	-	-	d
325	Structural clay products.....	2,344	100.0	29.9	52.7	17.3	-	.1	-	-	c
3251	Brick and structural clay tile.....	678	100.0	18.0	38.2	43.8	-	-	-	-	d
3255	Refractories, clay and nonclay.....	1,325	100.0	41.3	53.1	5.4	-	.2	-	-	c
329	Abrasives, asbestos, and miscellaneous nonmetallic mineral products.....	551	100.0	23.8	62.2	13.9	-	-	.1	-	d
3292	Asbestos products.....	109	100.0	7.6	91.8	.6	-	-	-	-	c

See footnote at end of table.

TABLE 1. Percent Distribution of Commodities, by Means of Transport: 1967--Continued

TCC code	Commodity	Number	Percent distribution by means of transport								Sampling variability code ¹
			All means of transport	Rail	Motor carrier	Private truck	Air	Water	Other	Unknown	
	TONS OF SHIPMENTS--Continued	(thousands of tons)									
33	Primary metal products.....	26,900	100.0	47.5	35.1	5.6	-	11.6	0.1	0.1	a
331	Steel works and rolling mill products..	24,235	100.0	48.9	33.7	4.4	-	12.9	-	.1	a
3312	Primary iron and steel products (except coke-oven products).....	23,025	100.0	50.1	34.1	4.6	-	11.1	-	.1	a
332	Iron and steel castings.....	950	100.0	40.3	48.4	11.3	-	-	-	-	d
3321	Iron and steel castings.....	950	100.0	40.3	48.4	11.3	-	-	-	-	d
333	Nonferrous metals primary smelter products (slab, ingot, pig, etc., and residues).....	403	100.0	46.7	38.3	14.1	-	-	.9	-	b
3339	Miscellaneous primary nonferrous and nonferrous base alloy basic metal products (anodes, cathodes, billets, blooms, pig, slab, or ingot, etc.)....	27	100.0	13.2	73.8	.4	0.1	-	12.5	-	c
5	Nonferrous metal basic shapes.....	802	100.0	21.5	49.1	28.5	-	-	.9	-	c
3351	Copper, brass, bronze, and other copper base alloy basic shapes.....	352	100.0	23.0	37.9	39.1	-	-	-	-	d
3352	Aluminum and aluminum base alloy basic shapes (except aluminum foil).....	186	100.0	20.9	53.0	24.2	-	-	1.9	-	d
336	Nonferrous and nonferrous base alloy castings.....	65	100.0	1.9	54.6	43.2	.2	-	.1	-	d
3361	Aluminum and aluminum base alloy castings.....	33	100.0	.7	37.1	62.1	-	-	.1	-	d
3369	Miscellaneous nonferrous metal castings	12	100.0	2.7	40.4	56.7	.2	-	-	-	d
339	Miscellaneous primary metal products...	445	100.0	46.1	50.3	3.6	-	-	-	-	b
3391	Iron and steel forgings.....	371	100.0	47.7	48.4	3.9	-	-	-	-	b
34	Fabricated metal products.....	4,977	100.0	45.0	44.9	7.5	.1	1.7	.7	.1	b
341	Metal cans.....	296	100.0	31.9	36.2	21.2	-	-	9.9	.8	b
3411	Metal cans.....	296	100.0	31.9	36.2	21.2	-	-	9.9	.8	b
343	Plumbing fixtures and heating apparatus (except electric).....	310	100.0	24.9	69.6	4.4	-	.1	.9	.1	d
3432	Plumbing fixture fittings (brass goods) and trim.....	35	100.0	.3	97.3	-	.2	-	2.2	-	c
3433	Heating equipment (except electric)....	249	100.0	26.8	69.8	2.3	-	.2	.8	.1	d
344	Structural and miscellaneous metal products.....	2,811	100.0	55.2	34.0	8.0	-	2.8	-	-	b
3441	Structural metal products.....	2,431	100.0	57.3	33.0	6.5	-	3.2	-	-	b
3449	Miscellaneous metal work.....	22	100.0	4.0	53.2	42.7	-	-	-	.1	d
345	Bolts, nuts, screws, rivets, washers, and other industrial fasteners.....	190	100.0	9.1	89.3	.7	.2	-	.7	-	b
3452	Bolts, nuts, screws, rivets, washers, and other industrial fasteners.....	190	100.0	9.1	89.3	.7	.2	-	.7	-	b
346	Metal stampings.....	434	100.0	67.5	27.2	4.9	.3	-	.1	-	a
3461	Metal stampings.....	434	100.0	67.5	27.2	4.9	.3	-	.1	-	a
349	Miscellaneous fabricated metal products	835	100.0	25.2	69.2	5.2	.1	-	.3	-	d
3494	Valves and pipe fittings (except plumbers' brass goods and fittings).....	415	100.0	12.8	78.8	7.8	.1	-	.5	-	d
35	Machinery, except electrical.....	1,573	100.0	31.4	49.6	17.0	.3	.8	.8	.1	c
351	Engines and turbines.....	73	100.0	61.2	31.7	6.7	.2	.1	.1	-	b
3511	Steam engines and turbines and steam turbine generator sets.....	62	100.0	65.4	28.0	6.3	.2	-	.1	-	b
353	Construction, mining, and materials handling machinery and equipment.....	464	100.0	34.1	57.5	6.3	.2	.9	1.0	-	c
3531	Construction machinery and equipment...	154	100.0	34.1	53.8	9.1	.1	2.7	.2	-	c
3532	Mining machinery, equipment, and parts (except oil field machinery and equipment).....	75	100.0	30.4	62.6	6.0	.3	-	.7	-	c
3533	Oil field machinery and equipment.....	27	100.0	12.2	73.2	.8	.6	-	13.2	-	c
3537	Industrial trucks, tractors, trailers, stackers, and metal skids, pallets, and platforms.....	52	100.0	12.4	73.5	13.4	.6	-	.1	-	c

See footnote at end of table.

TABLE 1. Percent Distribution of Commodities, by Means of Transport: 1967--Continued

TCC code	Commodity	Number	Percent distribution by means of transport								Sampling variability code ¹
			All means of transport	Rail	Motor carrier	Private truck	Air	Water	Other	Unknown	
	TONS OF SHIPMENTS--Continued	(thousands of tons)									
354	Metalworking machinery and equipment...	478	100.0	37.6	18.7	41.9	0.1	1.5	0.2	-	d
3541	Machine tools, metal cutting types.....	7	100.0	-	91.5	.3	1.8	-	6.4	-	c
3542	Machine tools, metal forming types.....	5	100.0	10.2	75.8	11.2	2.3	-	.5	-	c
3548	Metalworking machinery (except machine tools).....	111	100.0	41.6	52.0	6.1	.1	-	.2	-	b
355	Special industry machinery (except metalworking machinery).....	197	100.0	22.3	71.4	5.5	.3	.2	.3	-	d
3552	Textile machinery.....	27	100.0	-	95.4	4.0	.2	-	.3	0.1	d
3559	Miscellaneous special industry machinery.....	138	100.0	25.9	67.5	5.9	.3	.2	.2	-	d
356	General industrial machinery and equipment.....	151	100.0	1.0	90.1	4.7	1.1	.3	2.8	-	c
3561	Pumps, air and gas compressors, and measuring and dispensing pumps, also pumping equipment.....	68	100.0	2.1	90.7	2.1	1.2	.1	3.8	-	c
358	Service industry machines.....	80	100.0	17.4	71.6	7.3	-	-	2.2	1.5	c
3585	Refrigerators and refrigeration machinery (except household), and complete air-conditioning units.....	66	100.0	20.5	69.0	8.4	-	-	2.1	-	c
359	Miscellaneous machinery and parts (except electrical).....	36	100.0	.6	94.5	1.8	2.4	.1	.6	-	d
3599	Miscellaneous machinery and parts (except electrical).....	36	100.0	.6	94.5	1.8	2.4	.1	.6	-	d
36	Electrical machinery and equipment.....	1,624	100.0	24.3	63.4	10.4	.4	.1	1.4	-	a
361	Electrical transmission and distribution equipment.....	518	100.0	26.4	59.6	12.4	.1	.1	1.4	-	b
3611	Electrical measuring instruments and test equipment.....	3	100.0	6.0	58.8	-	7.7	-	25.9	1.6	d
3613	Switchgear and switchboard apparatus...	116	100.0	38.3	60.2	.5	.4	-	.6	-	d
362	Electrical industrial apparatus.....	336	100.0	30.6	63.8	3.7	.4	.2	1.2	.1	c
3622	Industrial controls and parts.....	31	100.0	4.1	79.8	2.0	2.3	2.2	9.5	.1	d
3629	Miscellaneous electrical industrial apparatus.....	5	100.0	25.9	62.1	.8	1.4	-	9.8	-	d
364	Electric lighting and wiring equipment.	371	100.0	20.6	66.8	12.1	-	-	.5	-	c
3642	Lighting fixtures.....	152	100.0	10.8	61.4	26.8	.1	-	.9	-	d
3644	Noncurrent carrying wiring devices.....	113	100.0	8.0	88.8	2.8	-	-	.4	-	d
367	Electronic components or accessories...	82	100.0	51.3	35.3	8.0	2.6	-	2.8	-	d
37	Transportation equipment.....	1,700	100.0	75.2	17.8	6.3	-	-	.4	.3	a
371	Motor vehicles and motor vehicle equipment.....	519	100.0	62.1	32.1	5.8	-	-	-	-	b
3714	Motor vehicle parts and accessories....	358	100.0	87.9	11.2	.9	-	-	-	-	a
372	Aircraft and parts.....	45	100.0	.3	32.8	64.9	.7	-	1.3	-	d
3722	Aircraft and missile engines and parts.	41	100.0	.1	29.0	69.3	.3	-	1.3	-	d
373	Ships and boats.....	20	100.0	12.5	58.4	17.9	.4	.4	9.6	.8	d
3732	Ships and boats.....	20	100.0	12.5	58.4	17.9	.4	.4	9.6	.8	d
374	Railroad equipment.....	975	100.0	94.4	5.5	.1	-	-	-	-	b
3742	Railroad and street cars.....	831	100.0	93.7	6.2	.1	-	-	-	-	b
382	Measuring, controlling, and indicating instruments.....	20	100.0	.2	92.7	3.1	2.2	-	1.8	-	d
39	Miscellaneous products of manufacturing	267	100.0	31.6	51.1	14.4	.2	-	2.3	.4	c
399	Miscellaneous manufactured products....	193	100.0	30.3	51.0	16.5	.2	-	1.4	.6	c
3999	Manufactured products, n.e.c.....	40	100.0	1.5	59.9	32.6	-	-	3.1	2.9	d

See footnote at end of table.

TABLE 1. Percent Distribution of Commodities, by Means of Transport: 1967--Continued

TCC code	Commodity	Number	Percent distribution by means of transport								Sampling variability code
			All means of transport	Rail	Motor carrier	Private truck	Air	Water	Other	Unknown	
	TON-MILES OF SHIPMENTS	(millions of ton-miles)									
	Pennsylvania, total.....	35,810	100.0	31.6	23.4	4.3	0.1	40.3	0.3	-	-
20	Food and kindred products.....	2,094	100.0	32.7	44.8	21.0	-	1.5	-	-	-
201	Meat, poultry, and small game; fresh, chilled or frozen.....	234	100.0	7.1	56.8	35.9	-	.2	-	-	-
202	Dairy products.....	39	100.0	.4	58.8	40.8	-	-	-	-	-
203	Canned and preserved fruits, vegetables, and seafoods.....	469	100.0	31.9	62.7	5.4	-	-	-	-	-
2033	Canned fruits and vegetables.....	185	100.0	10.4	80.0	9.5	-	.1	-	-	-
207	Confectionery and related products.....	485	100.0	44.9	49.5	-	-	5.6	-	-	-
2071	Confectionery and related products.....	485	100.0	44.9	49.5	-	-	5.6	-	-	-
208	Beverages and flavoring extracts.....	325	100.0	7.3	24.3	67.8	-	.2	.3	0.1	-
2082	Malt liquors.....	114	100.0	3.8	25.7	70.4	-	-	-	.1	-
2086	Bottled and canned soft drinks and carbonated, mineral, and plain water..	146	100.0	-	8.6	91.4	-	-	-	-	-
2087	Miscellaneous flavoring extracts, sirups, and flavoring compounds (except chocolate sirups).....	5	100.0	14.8	40.2	26.4	-	-	18.6	-	-
209	Miscellaneous food preparations and kindred products.....	218	100.0	48.8	34.0	17.2	-	-	-	-	-
2099	Miscellaneous food preparations.....	115	100.0	51.6	30.9	17.5	-	-	-	-	-
22	Basic textiles.....	573	100.0	4.9	82.1	12.2	.1	.2	.5	-	-
222	Man-made fiber and silk broadwoven fabrics.....	37	100.0	-	90.4	5.7	.3	1.7	1.9	-	-
2221	Man-made fiber broadwoven fabrics.....	37	100.0	-	90.4	5.7	.3	1.7	1.9	-	-
227	Carpets, rugs, and mats, textile.....	195	100.0	10.6	89.1	.1	-	.2	-	-	-
228	Thread and yarn (cotton, wool, silk, and man-made fiber).....	32	100.0	1.7	61.2	34.9	.2	-	2.0	-	-
2281	Yarn.....	28	100.0	.3	59.7	40.0	-	-	-	-	-
231	Men's, youths', and boys' clothing.....	50	100.0	10.9	64.1	2.3	9.4	-	13.3	-	-
2311	Men's, youths', and boys' clothing.....	50	100.0	10.9	64.1	2.3	9.4	-	13.3	-	-
233	Women's, misses', girls', and infants' clothing.....	62	100.0	32.9	43.8	2.5	.8	.8	19.2	-	-
2331	Women's, misses', girls', and infants' clothing.....	62	100.0	32.9	43.8	2.5	.8	.8	19.2	-	-
244	Wooden containers.....	14	100.0	12.4	87.5	-	.1	-	-	-	-
2441	Wooden containers.....	14	100.0	12.4	87.5	-	.1	-	-	-	-
25	Furniture and fixtures.....	171	100.0	19.8	60.9	18.5	-	.2	.6	-	-
251	Household and office furniture.....	124	100.0	27.4	52.1	19.4	-	.3	.8	-	-
2513	Couches, davenport, love seats, sofas, and settees.....	9	100.0	40.2	22.5	37.2	-	-	.1	-	-
2517	Cabinets and cases.....	16	100.0	30.7	32.4	31.9	-	-	5.0	-	-
26	Pulp, paper, and allied products.....	1,445	100.0	60.7	28.6	10.4	-	.3	-	-	-
262	Paper (except building paper).....	572	100.0	63.8	30.4	5.4	-	.4	-	-	-
2621	Paper (except building paper).....	572	100.0	63.8	30.4	5.4	-	.4	-	-	-
263	Paperboard, fiberboard, and pulpboard (except insulating board).....	197	100.0	70.0	15.2	14.8	-	-	-	-	-
2631	Paperboard, fiberboard, and pulpboard (except insulating board).....	197	100.0	70.0	15.2	14.8	-	-	-	-	-
264	Converted paper and paperboard products (except containers and boxes).....	289	100.0	47.5	44.1	7.9	-	.4	.1	-	-
2649	Miscellaneous converted paper products and paperboard products.....	135	100.0	28.8	67.5	2.5	.1	.3	.1	.1	-
265	Containers, boxes and related products, paperboard, fiberboard, and pulpboard.....	197	100.0	42.2	24.4	33.3	-	.1	-	-	-
2651	Containers, boxes, baskets, pallets and skids, paperboard, fiberboard, and pulpboard.....	131	100.0	27.7	24.7	47.3	.1	.1	-	.1	-
2654	Sanitary food containers.....	58	100.0	76.2	23.7	.1	-	-	-	-	-

See footnote at end of table.

TABLE 1. Percent Distribution of Commodities, by Means of Transport: 1967--Continued

TCC code	Commodity	Number	Percent distribution by means of transport								Sampling variability code ¹
			All means of transport	Rail	Motor carrier	Private truck	Air	Water	Other	Unknown	
	TON-MILES OF SHIPMENTS--Continued	(millions of ton-miles)									
28	Chemicals and allied products.....	1,783	100.0	46.7	39.2	9.1	0.1	4.8	0.1	-	-
281	Industrial chemicals.....	587	100.0	55.3	34.2	6.0	-	4.4	-	0.1	-
2812	Basic inorganic chemical compounds (including chlorine, potassium, and sodium compounds).....	29	100.0	32.1	67.4	.4	.1	-	-	-	-
2816	Inorganic pigments.....	223	100.0	78.8	17.2	1.8	-	2.2	-	-	-
2818	Miscellaneous industrial organic chemicals.....	157	100.0	37.8	54.8	5.0	-	2.3	.1	-	-
282	Plastic materials and plasticizers, synthetic resins, rubbers, and fibers.	262	100.0	51.1	39.0	8.4	.2	1.3	-	-	-
2821	Plastic materials and plasticizers, synthetic resins, rubbers, and fibers.	262	100.0	51.1	39.0	8.4	.2	1.3	-	-	-
283	Drugs (biological products, medicinal chemicals, botanical products and pharmaceutical preparations).....	140	100.0	52.6	38.9	.1	.5	7.5	.4	-	-
2831	Drugs (biological products, medicinal chemicals, botanical products and pharmaceutical preparations).....	140	100.0	52.6	38.9	.1	.5	7.5	.4	-	-
284	Soap and detergents, cleaning preparations, perfumes, cosmetics, and other toilet preparations.....	202	100.0	24.0	55.7	3.7	-	16.3	.3	-	-
2842	Specialty cleaning, polishing, and sanitation preparations (except soap and detergents).....	94	100.0	45.9	47.1	1.6	-	5.0	.4	-	-
285	Paints, varnishes, lacquers, enamels, and allied products.....	62	100.0	1.7	95.5	2.0	-	.2	.6	-	-
2851	Paints, varnishes, lacquers, enamels, and allied products.....	62	100.0	1.7	95.5	2.0	-	.2	.6	-	-
287	Agricultural chemicals.....	36	100.0	76.5	21.9	1.6	-	-	-	-	-
289	Miscellaneous chemical products.....	225	100.0	31.5	31.5	35.7	.3	.8	.2	-	-
2891	Glue and gelatin.....	26	100.0	-	52.0	38.8	.5	7.3	1.4	-	-
2899	Chemical products, n.e.c.....	151	100.0	46.8	33.5	19.3	.3	-	.1	-	-
295	Paving and roofing materials.....	45	100.0	39.2	50.9	9.9	-	-	-	-	-
2952	Asphalt felt and coatings.....	36	100.0	31.2	58.0	10.8	-	-	-	-	-
299	Miscellaneous petroleum and coal products.....	58	100.0	45.3	19.7	35.0	-	-	-	-	-
2991	Miscellaneous petroleum and coal products.....	58	100.0	45.3	19.7	35.0	-	-	-	-	-
30	Rubber and miscellaneous plastics products.....	340	100.0	40.4	53.6	2.5	.1	.2	3.2	-	-
301	Tires and inner tubes.....	98	100.0	57.7	42.2	.1	-	-	-	-	-
3011	Tires and inner tubes.....	98	100.0	57.7	42.2	.1	-	-	-	-	-
307	Miscellaneous plastic products.....	124	100.0	50.0	44.0	5.4	.2	.2	.2	-	-
3071	Miscellaneous plastic products.....	124	100.0	50.0	44.0	5.4	.2	.2	.2	-	-
31	Leather and leather products.....	17	100.0	8.5	83.0	.6	.2	-	7.6	.1	-
314	Footwear (except rubber).....	11	100.0	.2	91.3	.9	-	-	7.6	-	-
3141	Footwear (except house slippers and rubber footwear).....	11	100.0	.2	91.3	.9	-	-	7.6	-	-
32	Stone, clay, and glass products.....	2,352	100.0	44.2	50.0	5.7	.1	-	-	-	-
322	Glass and glassware, pressed and blown.	490	100.0	26.5	71.5	1.9	-	.1	-	-	-
3221	Glass containers, caps and covers.....	454	100.0	25.3	73.0	1.7	-	-	-	-	-
3229	Glass products (except flat glass and glass containers).....	36	100.0	41.1	51.7	4.8	.2	1.7	.2	.3	-
324	Hydraulic cement.....	672	100.0	44.3	55.0	.7	-	-	-	-	-
3241	Hydraulic cement.....	672	100.0	44.3	55.0	.7	-	-	-	-	-
325	Structural clay products.....	573	100.0	56.0	37.1	6.8	-	.1	-	-	-
3251	Brick and structural clay tile.....	84	100.0	53.4	22.4	24.2	-	-	-	-	-
3255	Refractories, clay and nonclay.....	400	100.0	62.6	35.0	2.3	-	.1	-	-	-
329	Abrasives, asbestos, and miscellaneous nonmetallic mineral products.....	264	100.0	50.2	39.3	10.3	.1	-	.1	-	-
3292	Asbestos products.....	31	100.0	22.7	77.2	.1	-	-	-	-	-

See footnote at end of table.

TABLE 1. Percent Distribution of Commodities, by Means of Transport: 1967--Continued

TCC code	Commodity	Number	Percent distribution by means of transport								Sampling variability code ¹
			All means of transport	Rail	Motor carrier	Private truck	Air	Water	Other	Unknown	
	TON-MILES OF SHIPMENTS--Continued	(millions of ton-miles)									
33	Primary metal products.....	8,823	100.0	53.1	24.2	2.3	-	20.2	0.1	0.1	-
331	Steel works and rolling mill products..	8,087	100.0	54.1	22.3	1.5	-	22.0	-	.1	-
3312	Primary iron and steel products (except coke-oven products).....	7,744	100.0	54.4	22.4	1.6	-	21.5	-	.1	-
332	Iron and steel castings.....	191	100.0	50.0	41.8	8.1	0.1	-	-	-	-
3321	Iron and steel castings.....	191	100.0	50.0	41.8	8.1	.1	-	-	-	-
333	Nonferrous metals primary smelter products (slab, ingot, pig, etc., and residues).....	105	100.0	58.9	28.1	8.8	-	-	4.2	-	-
3339	Miscellaneous primary nonferrous and nonferrous base alloy basic metal products (anodes, cathodes, billets, blooms, pig, slab, or ingot, etc.)....	23	100.0	35.3	45.0	-	-	-	19.7	-	-
335	Nonferrous metal basic shapes.....	282	100.0	31.9	48.6	17.1	-	-	2.4	-	-
3351	Copper, brass, bronze, and other copper base alloy basic shapes.....	95	100.0	18.3	47.7	34.0	-	-	-	-	-
3352	Aluminum and aluminum base alloy basic shapes (except aluminum foil).....	71	100.0	36.3	51.0	11.9	-	-	.8	-	-
336	Nonferrous and nonferrous base alloy castings.....	19	100.0	10.8	57.6	31.3	.3	-	-	-	-
3361	Aluminum and aluminum base alloy castings.....	9	100.0	5.6	41.9	52.5	-	-	-	-	-
3369	Miscellaneous nonferrous metal castings	4	100.0	1.3	71.2	27.3	.2	-	-	-	-
339	Miscellaneous primary metal products...	140	100.0	45.7	53.3	.8	.1	-	.1	-	-
3391	Iron and steel forgings.....	105	100.0	40.4	58.4	1.1	.1	-	-	-	-
34	Fabricated metal products.....	1,838	100.0	55.4	32.5	3.1	.2	8.1	.6	.1	-
341	Metal cans.....	75	100.0	50.9	30.5	8.2	-	-	8.7	1.7	-
3411	Metal cans.....	75	100.0	50.9	30.5	8.2	-	-	8.7	1.7	-
343	Plumbing fixtures and heating apparatus (except electric).....	171	100.0	50.1	45.5	2.7	.1	.3	1.3	-	-
3432	Plumbing fixture fittings (brass goods) and trim.....	10	100.0	.1	97.0	-	.6	-	2.3	-	-
3433	Heating equipment (except electric)....	138	100.0	51.2	46.6	.3	-	.4	1.5	-	-
344	Structural and miscellaneous metal products.....	849	100.0	63.7	15.4	3.4	.1	17.4	-	-	-
3441	Structural metal products.....	686	100.0	64.0	11.6	2.8	-	21.6	-	-	-
3449	Miscellaneous metal work.....	5	100.0	27.2	49.1	23.3	.1	-	-	.3	-
345	Bolts, nuts, screws, rivets, washers, and other industrial fasteners.....	72	100.0	19.3	79.5	.4	.4	-	.4	-	-
3452	Bolts, nuts, screws, rivets, washers, and other industrial fasteners.....	72	100.0	19.3	79.5	.4	.4	-	.4	-	-
346	Metal stampings.....	225	100.0	78.1	18.3	2.2	1.2	.2	-	-	-
3461	Metal stampings.....	225	100.0	78.1	18.3	2.2	1.2	.2	-	-	-
349	Miscellaneous fabricated metal products	388	100.0	42.2	56.0	1.4	.1	-	.3	-	-
3494	Valves and pipe fittings (except plumbers' brass goods and fittings).....	162	100.0	21.0	75.3	2.8	.1	-	.8	-	-
35	Machinery, except electrical.....	786	100.0	45.7	42.0	8.6	.8	2.3	.6	-	-
351	Engines and turbines.....	55	100.0	74.7	22.6	1.5	.8	.3	.1	-	-
3511	Steam engines and turbines and steam turbine generator sets.....	47	100.0	82.2	15.4	1.6	.8	-	-	-	-
353	Construction, mining, and materials handling machinery and equipment.....	327	100.0	58.5	37.8	2.6	.4	.4	.3	-	-
3531	Construction machinery and equipment...	72	100.0	52.5	40.1	5.2	.2	1.8	.2	-	-
3532	Mining machinery, equipment, and parts (except oil field machinery and equipment).....	37	100.0	44.9	51.5	1.5	1.1	-	1.0	-	-
3533	Oil field machinery and equipment.....	22	100.0	21.5	72.3	.8	2.8	-	2.6	-	-
3537	Industrial trucks, tractors, trailers, stackers, and metal skids, pallets, and platforms.....	26	100.0	4.7	81.0	13.1	1.1	-	.1	-	-

See footnote at end of table.

TABLE 1. Percent Distribution of Commodities, by Means of Transport: 1967--Continued

TCC code	Commodity	Number	Percent distribution by means of transport								Sampling variability code ¹
			All means of transport	Rail	Motor carrier	Private truck	Air	Water	Other	Unknown	
	TON-MILES OF SHIPMENTS--Continued	(millions of ton-miles)									
354	Metalworking machinery and equipment...	126	100.0	23.2	22.2	41.5	0.2	12.4	0.5	-	-
3541	Machine tools, metal cutting types.....	5	100.0	-	93.3	-	1.9	-	4.8	-	-
3542	Machine tools, metal forming types.....	3	100.0	32.6	55.8	9.4	1.9	-	.3	-	-
3548	Metalworking machinery (except machine tools).....	37	100.0	49.6	47.8	1.6	.3	-	.6	0.1	-
355	Special industry machinery (except metalworking machinery).....	102	100.0	27.7	68.9	2.6	.5	-	.3	-	-
3552	Textile machinery.....	14	100.0	-	98.4	.3	1.0	-	.2	.1	-
3559	Miscellaneous special industry machinery.....	55	100.0	34.3	61.2	3.4	.6	.1	.4	-	-
356	General industrial machinery and equipment.....	48	100.0	2.2	88.6	.8	3.1	2.3	3.0	-	-
3561	Pumps, air and gas compressors, and measuring and dispensing pumps, also pumping equipment.....	21	100.0	4.8	83.7	1.1	5.8	-	4.6	-	-
358	Service industry machines.....	48	100.0	23.5	70.4	3.0	.1	-	2.7	.3	-
3585	Refrigerators and refrigeration machinery (except household), and complete air-conditioning units.....	41	100.0	27.0	67.0	3.4	-	-	2.6	-	-
359	Miscellaneous machinery and parts (except electrical).....	11	100.0	4.1	77.4	.5	17.1	.1	.8	-	-
3599	Miscellaneous machinery and parts (except electrical).....	11	100.0	4.1	77.4	.5	17.1	.1	.8	-	-
36	Electrical machinery and equipment.....	828	100.0	32.7	58.4	5.5	.7	.6	2.1	-	-
361	Electrical transmission and distribution equipment.....	275	100.0	27.9	59.4	9.8	.2	1.2	1.5	-	-
3611	Electrical measuring instruments and test equipment.....	2	100.0	9.4	44.1	-	11.5	-	33.1	1.9	-
3613	Switchgear and switchboard apparatus...	88	100.0	54.2	44.9	-	.3	-	.6	-	-
362	Electrical industrial apparatus.....	186	100.0	28.9	66.2	2.3	.8	.5	1.3	-	-
3622	Industrial controls and parts.....	22	100.0	2.5	79.6	.9	4.2	3.2	9.6	-	-
3629	Miscellaneous electrical industrial apparatus.....	2	100.0	12.0	80.8	.6	1.5	-	5.1	-	-
364	Electric lighting and wiring equipment.	206	100.0	40.9	54.7	3.6	-	-	.8	-	-
3642	Lighting fixtures.....	67	100.0	33.2	54.5	9.9	.1	-	2.3	-	-
3644	Noncurrent carrying wiring devices.....	58	100.0	12.0	87.1	.6	-	-	.3	-	-
367	Electronic components or accessories...	38	100.0	62.2	26.5	1.6	3.7	-	6.0	-	-
37	Transportation equipment.....	701	100.0	77.7	16.9	4.8	.1	-	.4	.1	-
371	Motor vehicles and motor vehicle equipment.....	202	100.0	64.1	30.6	5.3	-	-	-	-	-
3714	Motor vehicle parts and accessories....	130	100.0	92.2	7.4	.4	-	-	-	-	-
372	Aircraft and parts.....	20	100.0	1.4	31.3	64.8	1.6	-	.9	-	-
3722	Aircraft and missile engines and parts.	18	100.0	.4	25.6	72.7	.5	-	.8	-	-
373	Ships and boats.....	13	100.0	6.2	71.8	14.9	1.1	.2	5.1	.7	-
3732	Ships and boats.....	13	100.0	6.2	71.8	14.9	1.1	.2	5.1	.7	-
374	Railroad equipment.....	394	100.0	96.1	3.8	-	-	-	.1	-	-
3742	Railroad and street cars.....	358	100.0	95.9	4.0	-	-	-	.1	-	-
382	Measuring, controlling, and indicating instruments.....	17	100.0	.2	95.3	1.2	2.1	-	1.2	-	-
39	Miscellaneous products of manufacturing	166	100.0	49.7	42.0	4.2	.3	.2	3.4	.2	-
399	Miscellaneous manufactured products....	126	100.0	57.7	36.1	3.9	.3	-	1.8	.2	-
3999	Manufactured products, n.e.c.....	15	100.0	6.3	80.5	7.1	.1	-	4.1	1.9	-

¹Code letter indicates a sampling variability range as follows: a, 0-9 percent; b, 10-19 percent; c, 20-29 percent; and d, 30-50 percent. The variability for ton-miles has not been estimated.

TABLE 2. Percent Distribution of Commodities, by Distance of Shipment: 1967

TCC code	Commodity	Number	Percent distribution by distance of shipment								Sampling variability code ¹
			All distances	Under 100 miles	100 to 199 miles	200 to 299 miles	300 to 499 miles	500 to 999 miles	1,000 to 1,499 miles	1,500 miles or over	
	TONS OF SHIPMENTS	(thousands of tons)									
	Pennsylvania, total.....	103,007	100.0	39.6	16.1	11.3	12.6	7.4	11.1	1.9	-
20	Food and kindred products.....	9,412	100.0	48.2	21.4	9.1	10.6	7.2	2.1	1.4	b
201	Meat, poultry, and small game; fresh, chilled or frozen.....	1,096	100.0	34.5	22.3	10.2	28.3	3.7	.5	.5	d
202	Dairy products.....	383	100.0	70.9	16.0	7.0	4.3	1.8	-	-	b
203	Canned and preserved fruits, vegetables, and seafoods.....	1,226	100.0	19.5	19.7	11.6	24.5	19.1	3.3	2.3	c
2033	Canned fruits and vegetables.....	521	100.0	26.4	18.6	9.7	23.3	17.9	2.7	1.4	d
207	Confectionery and related products.....	817	100.0	16.6	18.4	5.3	14.0	26.3	11.5	7.9	c
2071	Confectionery and related products.....	817	100.0	16.6	18.4	5.3	14.0	26.3	11.5	7.9	c
208	Beverages and flavoring extracts.....	2,994	100.0	62.9	27.9	6.5	1.3	.9	.2	.3	b
2082	Malt liquors.....	957	100.0	53.2	29.3	16.1	.7	.7	-	-	c
2086	Bottled and canned soft drinks and carbonated, mineral, and plain waters..	1,884	100.0	71.7	27.8	.4	.1	-	-	-	c
2087	Miscellaneous flavoring extracts, sirups, and flavoring compounds (except chocolate sirups).....	29	100.0	55.3	34.5	.6	-	8.3	-	1.3	d
209	Miscellaneous food preparations and kindred products.....	696	100.0	41.8	16.1	16.0	10.8	5.7	6.1	3.5	d
2099	Miscellaneous food preparations.....	330	100.0	43.2	20.7	15.3	5.5	6.5	1.6	7.2	d
22	Basic textiles.....	1,158	100.0	32.6	12.2	4.7	10.2	29.8	3.0	7.5	d
222	Man-made fiber and silk broadwoven fabrics.....	109	100.0	21.4	34.3	7.6	8.2	24.3	1.2	3.0	d
2221	Man-made fiber broadwoven fabrics.....	108	100.0	20.7	34.6	7.7	8.3	24.5	1.2	3.0	d
227	Carpets, rugs, and mats, textile.....	238	100.0	10.4	20.7	7.0	17.2	14.9	9.0	20.8	b
228	Thread and yarn (cotton, wool, silk, and man-made fiber).....	86	100.0	12.1	11.4	16.0	38.9	19.8	1.2	.6	b
2281	Yarn.....	77	100.0	9.7	12.5	17.0	40.5	19.5	.7	.1	b
231	Men's, youths', and boys' clothing.....	109	100.0	32.2	23.1	5.9	8.3	16.4	5.7	8.4	d
2311	Men's, youths', and boys' clothing.....	109	100.0	32.2	23.1	5.9	8.3	16.4	5.7	8.4	d
233	Women's, misses', girls', and infants' clothing.....	117	100.0	21.0	16.5	14.6	11.4	19.4	9.8	7.3	d
2331	Women's, misses', girls', and infants' clothing.....	117	100.0	21.0	16.5	14.6	11.4	19.4	9.8	7.3	d
244	Wooden containers.....	26	100.0	17.1	16.2	7.4	24.0	19.9	9.0	6.4	d
2441	Wooden containers.....	26	100.0	17.1	16.2	7.4	24.0	19.9	9.0	6.4	d
25	Furniture and fixtures.....	544	100.0	36.5	21.1	10.6	14.5	10.3	4.1	2.9	d
251	Household and office furniture.....	409	100.0	39.4	17.5	10.4	15.7	10.2	4.5	2.3	c
2513	Couches, davenport, love seats, sofas, and settees.....	34	100.0	31.4	29.1	21.7	4.0	9.6	2.2	2.0	d
2517	Cabinets and cases.....	49	100.0	38.4	23.1	7.6	12.6	8.7	8.8	.8	d
26	Pulp, paper, and allied products.....	5,561	100.0	38.5	17.4	20.3	10.3	10.3	1.7	1.5	b
262	Paper (except building paper).....	1,920	100.0	32.0	15.4	19.4	15.4	14.6	1.2	2.0	b
2621	Paper (except building paper).....	1,920	100.0	32.0	15.4	19.4	15.4	14.6	1.2	2.0	b
263	Paperboard, fiberboard, and pulpboard (except insulating board).....	823	100.0	53.4	17.0	10.6	2.2	14.3	2.3	.2	b
2631	Paperboard, fiberboard, and pulpboard (except insulating board).....	823	100.0	53.4	17.0	10.6	2.2	14.3	2.3	.2	b
264	Converted paper and paperboard products (except containers and boxes).....	790	100.0	28.0	23.8	13.2	12.7	13.6	5.4	3.3	b
2649	Miscellaneous converted paper products and paperboard products.....	262	100.0	16.4	20.9	16.6	12.5	14.2	13.0	6.4	b
265	Containers, boxes and related products, paperboard, fiberboard, and pulpboard..	1,175	100.0	58.4	23.0	9.9	2.4	4.3	.6	1.4	c
2651	Containers, boxes, baskets, pallets and skids, paperboard, fiberboard, and pulpboard.....	981	100.0	59.7	25.8	9.1	1.5	3.2	.4	.3	b
2654	Sanitary food containers.....	113	100.0	40.0	4.4	14.2	10.8	15.8	2.8	12.0	b

See footnote at end of table.

TABLE 2. Percent Distribution of Commodities, by Distance of Shipment: 1967--Continued

TCC code	Commodity	Number	Percent distribution by distance of shipment								Sampling variability code ¹
			All distances	Under 100 miles	100 to 199 miles	200 to 299 miles	300 to 499 miles	500 to 999 miles	1,000 to 1,499 miles	1,500 miles or over	
	TONS OF SHIPMENTS--Continued	(thousands of tons)									
28	Chemicals and allied products.....	7,590	100.0	50.1	19.1	9.2	10.4	7.5	1.3	2.4	d
281	Industrial chemicals.....	5,209	100.0	58.4	22.1	6.7	6.2	4.5	.8	1.3	d
2812	Basic inorganic chemicals compounds (including chlorine, potassium, and sodium compounds).....	55	100.0	28.8	1.6	17.8	7.4	26.5	16.6	1.3	c
2816	Inorganic pigments.....	375	100.0	13.2	6.1	18.4	24.8	21.5	5.5	10.5	d
2818	Miscellaneous industrial organic chemicals.....	626	100.0	42.5	12.2	14.3	18.8	10.0	1.0	1.2	c
282	Plastic materials and plasticizers, synthetic resins, rubbers, and fibers..	642	100.0	27.8	10.5	14.4	23.4	16.6	2.0	5.3	a
2821	Plastic materials and plasticizers, synthetic resins, rubbers, and fibers..	642	100.0	27.9	10.5	14.3	23.4	16.6	2.0	5.3	a
283	Drugs (biological products, medicinal chemicals, botanical products and pharmaceutical preparations).....	236	100.0	16.1	24.0	19.0	12.7	10.7	3.3	14.2	c
2831	Drugs (biological products, medicinal chemicals, botanical products and pharmaceutical preparations).....	236	100.0	16.1	24.0	19.0	12.7	10.7	3.3	14.2	c
284	Soap and detergents, cleaning preparations, perfumes, cosmetics, and other toilet preparations.....	376	100.0	26.2	5.3	21.3	15.3	18.5	6.7	6.7	a
2842	Specialty cleaning, polishing, and sanitation preparations (except soap and detergents).....	185	100.0	24.8	3.3	20.0	14.0	23.6	9.9	4.4	b
285	Paints, varnishes, lacquers, enamels, and allied products.....	244	100.0	30.8	23.4	19.2	13.6	10.8	1.7	.5	c
2851	Paints, varnishes, lacquers, enamels, and allied products.....	244	100.0	30.8	23.4	19.2	13.6	10.8	1.7	.5	c
287	Agricultural chemicals.....	74	100.0	30.7	1.8	3.7	29.2	28.3	1.2	5.1	c
289	Miscellaneous chemical products.....	810	100.0	43.5	12.1	9.9	21.2	10.0	1.0	2.3	d
2891	Glue and gelatin.....	72	100.0	23.6	6.3	13.8	27.5	26.8	1.8	.2	d
2899	Chemical products, n.e.c.....	533	100.0	51.8	10.1	6.9	15.9	10.6	1.2	3.5	d
295	Paving and roofing materials.....	323	100.0	46.9	22.3	26.8	3.3	.7	-	-	b
2952	Asphalt felt and coatings.....	225	100.0	43.7	17.1	33.5	4.7	1.0	-	-	b
299	Miscellaneous petroleum and coal products.....	367	100.0	24.8	57.9	5.6	9.7	1.9	-	.1	d
2991	Miscellaneous petroleum and coal products.....	367	100.0	24.8	57.9	5.6	9.7	1.9	-	.1	d
30	Rubber and miscellaneous plastics products.....	779	100.0	24.8	11.7	12.4	20.2	21.4	5.8	3.7	b
301	Tires and inner tubes.....	273	100.0	36.9	18.6	9.7	7.1	17.4	8.2	2.1	d
3011	Tires and inner tubes.....	273	100.0	36.9	18.6	9.7	7.1	17.4	8.2	2.1	d
307	Miscellaneous plastic products.....	273	100.0	22.7	10.4	10.9	23.8	24.2	3.2	4.8	b
3071	Miscellaneous plastic products.....	273	100.0	22.7	10.4	10.9	23.8	24.2	3.2	4.8	b
31	Leather and leather products.....	34	100.0	10.6	27.4	13.1	11.2	26.3	3.9	7.5	d
314	Footwear (except rubber).....	23	100.0	6.9	34.3	14.4	9.4	24.8	4.4	5.8	d
3141	Footwear (except house slippers and rubber footwear).....	23	100.0	6.9	34.3	14.4	9.4	24.8	4.4	5.8	d
32	Stone, clay, and glass products.....	14,039	100.0	48.7	29.8	9.4	7.5	2.8	.9	.9	b
322	Glass and glassware, pressed and blown..	1,659	100.0	13.5	23.6	28.9	27.6	3.7	.8	1.9	c
3221	Glass containers, caps and covers.....	1,588	100.0	13.8	23.8	29.0	27.8	3.3	.6	1.7	c
3229	Glass products (except flat glass and glass containers).....	71	100.0	7.7	19.3	22.5	24.7	13.7	4.4	7.7	d
324	Hydraulic cement.....	7,633	100.0	66.1	31.0	1.6	.6	.6	.1	-	d
3241	Hydraulic cement.....	7,633	100.0	66.1	31.0	1.6	.6	.6	.1	-	d
325	Structural clay products.....	2,344	100.0	34.7	25.9	19.5	11.2	5.1	2.0	1.6	c
3251	Brick and structural clay tile.....	678	100.0	64.7	17.2	10.7	5.2	.9	1.0	.3	d
3255	Refractories, clay and nonclay.....	1,325	100.0	19.4	31.7	22.9	14.0	7.1	2.4	2.5	c
329	Abrasives, asbestos, and miscellaneous nonmetallic mineral products.....	551	100.0	15.2	17.5	17.3	23.9	14.1	4.1	7.9	d
3292	Asbestos products.....	109	100.0	20.7	21.6	30.1	17.6	5.8	2.6	1.6	c

See footnote at end of table.

TABLE 2. Percent Distribution of Commodities, by Distance of Shipment: 1967--Continued

TCC code	Commodity	Number	Percent distribution by distance of shipment								Sampling variability code ¹
			All distances	Under 100 miles	100 to 199 miles	200 to 299 miles	300 to 499 miles	500 to 999 miles	1,000 to 1,499 miles	1,500 miles or over	
	TONS OF SHIPMENTS--Continued	(thousands of tons)									
33	Primary metal products.....	26,900	100.0	26.4	17.7	17.9	22.9	10.4	2.4	2.3	a
331	Steel works and rolling mill products...	24,235	100.0	25.9	16.7	18.1	24.1	10.4	2.4	2.4	a
3312	Primary iron and steel products (except coke-oven products).....	23,025	100.0	25.8	15.7	18.5	24.4	10.6	2.6	2.4	a
332	Iron and steel castings.....	950	100.0	40.7	25.6	17.8	9.7	4.5	.7	1.0	d
3321	Iron and steel castings.....	950	100.0	40.7	25.6	17.8	9.7	4.5	.7	1.0	d
333	Nonferrous metals primary smelter products (slab, ingot, pig, etc., and residues).....	403	100.0	39.0	19.9	16.2	11.8	10.3	.4	2.4	b
3339	Miscellaneous primary nonferrous and nonferrous base alloy basic metal products (anodes, cathodes, billets, blooms, pig, slab, or ingot, etc.).....	27	100.0	25.4	1.4	17.8	18.3	7.5	-	29.6	c
335	Nonferrous metal basic shapes.....	802	100.0	17.8	30.2	14.2	13.6	18.6	4.0	1.6	c
3351	Copper, brass, bronze, and other copper base alloy basic shapes.....	352	100.0	15.7	44.4	13.4	14.0	9.3	1.8	1.4	d
3352	Aluminum and aluminum base alloy basic shapes (except aluminum foil).....	186	100.0	15.0	26.5	10.4	10.8	33.4	3.7	.2	d
336	Nonferrous and nonferrous base alloy castings.....	65	100.0	21.4	32.7	18.2	15.7	7.8	.9	3.3	d
3361	Aluminum and aluminum base alloy castings.....	33	100.0	18.8	34.9	17.3	19.8	7.3	.5	1.4	d
3369	Miscellaneous nonferrous metal castings.	12	100.0	23.8	26.8	23.3	5.9	12.0	.1	8.1	d
339	Miscellaneous primary metal products....	445	100.0	26.1	24.7	18.2	14.2	11.7	2.9	2.2	b
3391	Iron and steel forgings.....	371	100.0	30.0	26.6	17.2	9.8	12.1	3.2	1.1	b
34	Fabricated metal products.....	4,977	100.0	31.6	15.9	16.5	16.5	11.5	3.2	4.8	b
341	Metal cans.....	296	100.0	39.3	22.3	15.4	9.6	8.8	4.0	.6	b
3411	Metal cans.....	296	100.0	39.3	22.3	15.4	9.6	8.8	4.0	.6	b
343	Plumbing fixtures and heating apparatus (except electric).....	310	100.0	15.1	23.8	11.0	16.8	14.3	8.4	10.6	d
3432	Plumbing fixture fittings (brass goods) and trim.....	35	100.0	35.4	23.7	14.7	11.7	8.7	1.4	4.4	c
3433	Heating equipment (except electric).....	249	100.0	12.3	25.8	10.5	16.4	15.8	9.3	9.9	d
344	Structural and miscellaneous metal products.....	2,811	100.0	41.9	15.9	17.8	10.7	7.7	1.6	4.4	b
3441	Structural metal products.....	2,431	100.0	44.1	16.7	18.3	8.8	7.1	.6	4.4	b
3449	Miscellaneous metal work.....	22	100.0	40.3	14.9	19.4	17.9	2.6	.6	4.3	d
345	Bolts, nuts, screws, rivets, washers, and other industrial fasteners.....	190	100.0	20.8	15.1	20.6	22.1	15.9	1.7	3.8	b
3452	Bolts, nuts, screws, rivets, washers, and other industrial fasteners.....	190	100.0	20.8	15.1	20.6	22.1	15.9	1.7	3.8	b
346	Metal stampings.....	434	100.0	15.9	5.9	12.0	40.4	15.1	4.7	6.0	a
3461	Metal stampings.....	434	100.0	15.9	5.9	12.0	40.4	15.1	4.7	6.0	a
349	Miscellaneous fabricated metal products.	835	100.0	12.0	17.1	16.7	24.4	20.8	5.4	3.6	c
3494	Valves and pipe fittings (except plumbers' brass goods and fittings).....	415	100.0	14.9	19.8	13.6	24.7	23.3	2.4	1.3	c
35	Machinery, except electrical.....	1,573	100.0	18.6	14.8	25.8	12.8	13.4	5.6	9.0	b
351	Engines and turbines.....	73	100.0	14.5	4.4	17.6	12.3	18.1	22.8	10.3	b
3511	Steam engines and turbines and steam turbine generator sets.....	62	100.0	15.6	3.9	15.6	13.0	19.0	21.2	11.7	b
353	Construction, mining, and materials handling machinery and equipment.....	464	100.0	11.4	18.1	12.7	17.3	15.5	5.0	22.2	b
3531	Construction machinery and equipment....	154	100.0	11.0	27.7	14.5	21.4	10.5	3.0	11.9	c
3532	Mining machinery, equipment, and parts (except oil field machinery and equipment).....	75	100.0	22.4	22.6	9.0	11.7	22.2	2.7	8.7	c
3533	Oil field machinery and equipment.....	27	100.0	16.4	16.8	3.4	1.6	16.2	30.2	8.7	c
3537	Industrial trucks, tractors, trailers, stackers, and metal skids, pallets, and platforms.....	52	100.0	7.3	8.3	34.7	6.3	34.7	1.5	1.0	c

See footnote at end of table.

TABLE 2. Percent Distribution of Commodities, by Distance of Shipment: 1967--Continued

TCC code	Commodity	Number	Percent distribution by distance of shipment								Sampling variability code ¹
			All distances	Under 100 miles	100 to 199 miles	200 to 299 miles	300 to 499 miles	500 to 999 miles	1,000 to 1,499 miles	1,500 miles or over	
	TONS OF SHIPMENTS--Continued	(thousands of tons)									
354	Metalworking machinery and equipment....	478	100.0	27.2	12.6	43.9	11.3	1.5	1.0	2.5	d
3541	Machine tools, metal cutting types.....	7	100.0	.6	7.0	23.9	23.8	21.3	7.5	15.9	c
3542	Machine tools, metal forming types.....	5	100.0	14.2	25.4	11.6	18.4	6.8	4.4	19.2	c
3548	Metalworking machinery (except machine tools).....	111	100.0	20.3	14.7	21.9	33.1	4.2	3.7	2.1	b
355	Special industry machinery (except metalworking machinery).....	197	100.0	19.4	8.3	29.0	6.6	26.7	3.0	7.0	d
3552	Textile machinery.....	27	100.0	28.3	2.5	4.6	19.7	31.9	.4	12.6	d
3559	Miscellaneous special industry machinery.....	138	100.0	21.4	10.1	38.5	3.4	21.7	3.1	1.8	d
356	General industrial machinery and equipment.....	151	100.0	22.4	25.5	22.9	13.7	9.2	3.8	2.5	c
3561	Pumps, air and gas compressors, and measuring and dispensing pumps, also pumping equipment.....	68	100.0	8.2	40.7	28.6	10.0	6.2	4.1	2.2	c
358	Service industry machines.....	80	100.0	12.1	15.1	12.8	12.5	30.9	12.0	4.6	c
3585	Refrigerators and refrigeration machinery (except household), and complete air-conditioning units.....	66	100.0	12.4	14.1	12.9	12.8	30.0	12.4	5.4	c
359	Miscellaneous machinery and parts (except electrical).....	36	100.0	11.3	41.7	29.7	5.6	4.3	3.8	3.6	d
3599	Miscellaneous machinery and parts (except electrical).....	36	100.0	11.3	41.7	29.7	5.6	4.3	3.8	3.6	d
36	Electrical machinery and equipment.....	1,624	100.0	15.8	9.6	16.9	24.4	21.7	4.6	7.0	a
361	Electrical transmission and distribution equipment.....	518	100.0	8.2	4.4	20.6	29.8	26.1	5.1	5.8	b
3611	Electrical measuring instruments and test equipment.....	3	100.0	21.1	5.5	17.1	10.3	20.0	15.6	10.4	d
3613	Switchgear and switchboard apparatus....	116	100.0	10.0	6.5	16.4	19.9	20.9	12.7	13.6	d
362	Electrical industrial apparatus.....	336	100.0	5.6	11.9	17.4	27.8	24.9	4.4	8.0	c
3622	Industrial controls and parts.....	31	100.0	12.0	6.5	19.4	21.4	21.2	2.3	17.2	d
3629	Miscellaneous electrical industrial apparatus.....	5	100.0	3.5	29.3	13.8	14.7	35.4	.8	2.5	d
364	Electric lighting and wiring equipment..	371	100.0	19.6	11.1	16.0	20.3	17.7	5.2	10.1	c
3642	Lighting fixtures.....	152	100.0	35.9	7.8	18.0	11.9	15.9	2.8	7.7	d
3644	Noncurrent carrying wiring devices.....	113	100.0	10.9	12.1	10.4	38.9	15.2	5.4	7.1	d
367	Electronic components or accessories....	82	100.0	16.4	7.2	18.1	12.3	40.7	.8	4.5	d
37	Transportation equipment.....	1,700	100.0	21.6	16.2	12.5	24.1	19.5	2.9	3.2	a
371	Motor vehicles and motor vehicle equipment.....	519	100.0	23.0	14.5	14.3	25.5	16.6	2.7	3.4	b
3714	Motor vehicle parts and accessories.....	358	100.0	24.8	13.3	13.8	27.8	15.8	2.0	2.5	a
372	Aircraft and parts.....	45	100.0	37.7	14.7	4.1	.5	40.2	.6	2.2	d
3722	Aircraft and missile engines and parts..	41	100.0	39.3	10.7	4.5	.4	44.0	.4	.7	d
373	Ships and boats.....	20	100.0	6.2	19.3	8.1	38.5	9.8	6.0	12.1	d
3732	Ships and boats.....	20	100.0	6.2	19.3	8.1	38.5	9.8	6.0	12.1	d
374	Railroad equipment.....	975	100.0	21.9	13.8	11.9	25.7	21.8	3.2	1.7	b
3742	Railroad and street cars.....	831	100.0	18.9	16.3	13.9	19.8	25.5	3.7	1.9	b
382	Measuring, controlling, and indicating instruments.....	20	100.0	9.5	5.1	11.4	15.4	30.6	6.4	21.6	d
39	Miscellaneous products of manufacturing.	267	100.0	15.7	4.4	15.0	30.2	18.8	4.7	11.2	c
399	Miscellaneous manufactured products.....	193	100.0	18.0	1.9	18.1	25.3	19.3	4.6	12.8	c
3999	Manufactured products, n.e.c.....	40	100.0	39.3	4.3	20.1	11.8	12.3	11.0	1.2	d

See footnote at end of table.

TABLE 2. Percent Distribution of Commodities, by Distance of Shipment: 1967--Continued

TCC code	Commodity	Number	Percent distribution by distance of shipment								Sampling variability code ¹
			All distances	Under 100 miles	100 to 199 miles	200 to 299 miles	300 to 499 miles	500 to 999 miles	1,000 to 1,499 miles	1,500 miles or over	
	TON-MILES OF SHIPMENTS	(millions of ton-miles)									
	Pennsylvania, total.....	35,810	100.0	4.9	6.5	7.9	14.0	14.9	39.6	12.2	-
20	Food and kindred products.....	2,094	100.0	12.5	13.2	9.9	17.0	22.0	11.1	14.3	-
201	Meat, poultry, and small game; fresh, chilled or frozen.....	234	100.0	9.7	16.4	11.4	43.3	11.3	2.8	5.1	-
202	Dairy products.....	39	100.0	34.3	22.4	16.5	15.1	11.7	-	-	-
203	Canned and preserved fruits, vegetables, and seafoods.....	469	100.0	3.4	7.5	7.5	23.8	35.0	10.0	12.8	-
2033	Canned fruits and vegetables.....	185	100.0	5.4	7.7	6.9	24.3	38.1	9.6	8.0	-
207	Confectionery and related products.....	485	100.0	1.6	4.2	2.1	8.8	28.7	23.2	31.4	-
2071	Confectionery and related products.....	485	100.0	1.6	4.2	2.1	8.8	28.7	23.2	31.4	-
208	Beverages and flavoring extracts.....	325	100.0	34.6	32.6	14.6	4.3	5.2	2.2	6.5	-
2082	Malt liquors.....	114	100.0	25.4	35.1	33.2	2.1	3.8	.4	-	-
2086	Bottled and canned soft drinks and carbonated, mineral, and plain waters.	146	100.0	56.0	42.1	1.1	.6	.2	-	-	-
2087	Miscellaneous flavoring extracts, sirups, and flavoring compounds (except chocolate sirups).....	5	100.0	18.8	28.6	1.0	-	33.0	-	18.6	-
209	Miscellaneous food preparations and kindred products.....	218	100.0	8.2	7.3	12.3	12.8	12.4	21.4	25.6	-
2099	Miscellaneous food preparations.....	115	100.0	8.1	8.6	10.2	6.1	13.2	6.0	47.8	-
22	Basic textiles.....	573	100.0	3.4	3.5	2.4	8.1	40.6	7.1	34.9	-
222	Man-made fiber and silk broadwoven fabrics.....	37	100.0	4.5	12.3	5.9	9.7	42.5	4.3	20.8	-
2221	Man-made fiber broadwoven fabrics.....	37	100.0	4.3	12.4	5.9	9.7	42.6	4.3	20.8	-
227	Carpets, rugs, and mats, textile.....	195	100.0	.9	3.8	2.1	8.1	11.9	13.1	60.1	-
228	Thread and yarn (cotton, wool, silk, and man-made fiber).....	32	100.0	2.3	5.0	10.9	41.2	33.0	4.3	3.3	-
2281	Yarn.....	28	100.0	1.8	5.7	11.9	44.7	32.5	2.7	.7	-
231	Men's, youths', and boys' clothing.....	50	100.0	4.2	5.6	3.2	7.1	24.4	14.7	40.8	-
2311	Men's, youths', and boys' clothing.....	50	100.0	4.2	5.6	3.2	7.1	24.4	14.7	40.8	-
233	Women's, misses', girls', and infants' clothing.....	62	100.0	3.2	3.9	6.8	8.5	26.0	19.9	31.7	-
2331	Women's, misses', girls', and infants' clothing.....	62	100.0	3.2	3.9	6.8	8.5	26.0	19.9	31.7	-
244	Wooden containers.....	14	100.0	2.6	4.6	3.2	17.1	25.2	20.8	26.5	-
2441	Wooden containers.....	14	100.0	2.6	4.6	3.2	17.1	25.2	20.8	26.5	-
25	Furniture and fixtures.....	171	100.0	6.0	9.1	8.5	17.9	22.9	15.2	20.4	-
251	Household and office furniture.....	124	100.0	6.4	8.2	8.7	20.1	23.1	17.0	16.5	-
2513	Couches, deventports, love seats, sofas, and settees.....	9	100.0	7.3	14.4	20.6	5.7	23.9	10.1	18.0	-
2517	Cabinets and cases.....	16	100.0	8.9	10.4	5.6	13.9	22.3	34.0	4.9	-
26	Pulp, paper, and allied products.....	1,445	100.0	7.2	9.3	18.3	15.9	28.0	7.7	13.6	-
262	Paper (except building paper).....	572	100.0	3.7	7.9	14.9	20.8	32.2	5.0	15.5	-
2621	Paper (except building paper).....	572	100.0	3.7	7.9	14.9	20.8	32.2	5.0	15.5	-
263	Paperboard, fiberboard, and pulpboard (except insulating board).....	197	100.0	13.0	9.7	11.3	3.6	50.1	10.4	1.9	-
2631	Paperboard, fiberboard, and pulpboard (except insulating board).....	197	100.0	13.0	9.7	11.3	3.6	50.1	10.4	1.9	-
264	Converted paper and paperboard products (except containers and boxes).....	289	100.0	5.2	8.8	8.9	13.2	26.1	17.5	20.3	-
2649	Miscellaneous converted paper products and paperboard products.....	135	100.0	2.2	6.1	7.5	9.2	18.8	30.0	26.2	-
265	Containers, boxes and related products, paperboard, fiberboard, and pulpboard.	197	100.0	18.9	17.2	15.4	6.1	18.7	4.7	19.0	-
2651	Containers, boxes, baskets, pallets and skids, paperboard, fiberboard, and pulpboard.....	131	100.0	23.7	24.3	18.3	4.9	19.2	4.0	5.6	-
2654	Sanitary food containers.....	58	100.0	4.1	1.2	6.8	9.0	19.8	7.0	52.1	-

See footnote at end of table.

TABLE 2. Percent Distribution of Commodities, by Distance of Shipment: 1967--Continued

TCC code	Commodity	Number	Percent distribution by distance of shipment								Sampling vari- ability code ¹
			All dis- tances	Under 100 miles	100 to 199 miles	200 to 299 miles	300 to 499 miles	500 to 999 miles	1,000 to 1,499 miles	1,500 miles or over	
	TON-MILES OF SHIPMENTS--Continued	(millions of ton-miles)									
28	Chemicals and allied products.....	1,783	100.0	10.1	10.7	9.6	17.4	21.3	6.5	24.4	-
281	Industrial chemicals.....	857	100.0	16.2	16.9	9.9	14.9	18.5	5.5	18.1	-
2812	Basic inorganic chemical compounds (including chlorine, potassium, and sodium compounds).....	29	100.0	2.1	.4	8.6	5.7	34.9	42.1	6.2	-
2816	Inorganic pigments.....	233	100.0	1.2	1.6	7.3	17.0	24.3	9.2	39.4	-
2818	Miscellaneous industrial organic chemicals.....	157	100.0	8.6	6.7	14.4	26.8	28.0	4.8	10.7	-
282	Plastic materials and plasticizers, synthetic resins, rubbers, and fibers.	262	100.0	3.9	4.0	8.8	23.2	26.9	5.3	27.9	-
2821	Plastic materials and plasticizers, synthetic resins, rubbers, and fibers.	262	100.0	3.9	4.0	8.8	23.2	26.9	5.3	27.9	-
283	Drugs (biological products, medicinal chemicals, botanical products and pharmaceutical preparations).....	140	100.0	1.7	6.6	8.4	8.2	12.7	6.9	55.5	-
2831	Drugs (biological products, medicinal chemicals, botanical products and pharmaceutical preparations).....	140	100.0	1.7	6.6	8.4	8.2	12.7	6.9	55.5	-
284	Soap and detergents, cleaning prepara- tions, perfumes, cosmetics, and other toilet preparations.....	202	100.0	3.3	1.5	9.8	11.0	23.8	15.0	35.6	-
2842	Specialty cleaning, polishing, and sanitation preparations (except soap and detergents).....	94	100.0	3.8	.9	10.3	10.6	31.1	23.9	19.4	-
285	Paints, varnishes, lacquers, enamels, and allied products.....	62	100.0	5.9	13.7	18.6	21.7	28.3	8.0	3.8	-
2851	Paints, varnishes, lacquers, enamels, and allied products.....	62	100.0	5.9	13.7	18.6	21.7	28.3	8.0	3.8	-
287	Agricultural chemicals.....	36	100.0	3.9	.6	1.8	22.1	44.6	2.5	24.5	-
289	Miscellaneous chemical products.....	225	100.0	7.7	6.7	8.8	29.9	22.3	4.3	20.3	-
2891	Glue and gelatin.....	26	100.0	4.1	2.3	9.4	28.7	48.0	6.0	1.5	-
2899	Chemical products, n.e.c.....	151	100.0	8.5	6.0	6.1	21.6	22.6	5.3	29.9	-
295	Paving and roofing materials.....	45	100.0	19.2	22.3	47.2	8.4	2.9	-	-	-
2952	Asphalt felt and coatings.....	36	100.0	17.7	16.9	50.9	10.7	3.7	.1	-	-
299	Miscellaneous petroleum and coal products.....	58	100.0	7.1	52.5	7.8	22.4	7.9	.3	2.0	-
2991	Miscellaneous petroleum and coal products.....	58	100.0	7.1	52.5	7.8	22.4	7.9	.3	2.0	-
30	Rubber and miscellaneous plastics products.....	340	100.0	3.5	3.7	6.9	18.5	32.6	15.8	19.0	-
301	Tires and inner tubes.....	98	100.0	6.2	6.9	6.9	7.5	33.3	26.3	12.9	-
3011	Tires and inner tubes.....	98	100.0	6.2	6.9	6.9	7.5	33.3	26.3	12.9	-
307	Miscellaneous plastic products.....	124	100.0	3.1	3.2	6.0	20.9	33.8	8.3	24.7	-
3071	Miscellaneous plastic products.....	124	100.0	3.1	3.2	6.0	20.9	33.8	8.3	24.7	-
31	Leather and leather products.....	17	100.0	1.4	8.4	6.0	8.8	34.2	9.1	32.1	-
314	Footwear (except rubber).....	11	100.0	1.0	11.3	6.9	7.2	36.3	10.7	26.6	-
3141	Footwear (except house slippers and rubber footwear).....	11	100.0	1.0	11.3	6.9	7.2	36.3	10.7	26.6	-
32	Stone, clay, and glass products.....	2,352	100.0	16.3	23.5	13.7	17.2	11.5	5.9	11.9	-
322	Glass and glassware, pressed and blown.	490	100.0	2.8	12.2	24.2	34.9	8.5	3.0	14.4	-
3221	Glass containers, caps and covers.....	414	100.0	2.9	12.7	25.2	36.1	7.7	2.5	12.9	-
3229	Glass products (except flat glass and glass containers).....	36	100.0	1.1	5.9	11.8	19.2	18.2	10.1	33.7	-
324	Hydraulic cement.....	672	100.0	43.9	43.1	4.2	2.5	4.6	1.7	-	-
3241	Hydraulic cement.....	672	100.0	43.9	43.1	4.2	2.5	4.6	1.7	-	-
325	Structural clay products.....	573	100.0	7.2	15.7	20.1	18.7	14.6	9.6	14.1	-
3251	Brick and structural clay tile.....	84	100.0	26.3	19.0	21.5	14.7	4.0	10.2	4.3	-
3255	Refractories, clay and nonclay.....	400	100.0	3.3	15.8	19.2	19.6	16.2	9.0	16.9	-
329	Abrasives, asbestos, and miscellaneous nonmetallic mineral products.....	264	100.0	1.9	5.5	8.4	19.6	19.3	10.1	35.2	-
3292	Asbestos products.....	31	100.0	4.7	11.0	24.3	22.2	14.0	11.8	12.0	-

See footnote at end of table.

TABLE 2. Percent Distribution of Commodities, by Distance of Shipment: 1967--Continued

TCC code	Commodity	Number	Percent distribution by distance of shipment								Sampling variability code ¹
			All distances	Under 100 miles	100 to 199 miles	200 to 299 miles	300 to 499 miles	500 to 999 miles	1,000 to 1,499 miles	1,500 miles or over	
	TON-MILES OF SHIPMENTS--Continued	(millions of ton-miles)									
33	Primary metal products.....	8,823	100.0	4.2	8.2	13.3	26.7	22.9	8.5	16.2	-
331	Steel works and rolling mill products..	8,087	100.0	4.0	7.7	13.2	27.5	22.6	8.5	16.5	-
3312	Primary iron and steel products (except coke-oven products).....	7,744	100.0	4.0	7.0	13.4	27.6	22.9	8.9	16.2	-
332	Iron and steel castings.....	191	100.0	11.4	18.8	20.4	18.5	16.5	4.0	10.4	-
3321	Iron and steel castings.....	191	100.0	11.4	18.8	20.4	18.5	16.5	4.0	10.4	-
333	Nonferrous metals primary smelter products (slab, ingot, pig, etc., and residues).....	105	100.0	7.8	11.7	15.1	17.3	26.1	1.7	20.3	-
3339	Miscellaneous primary nonferrous and nonferrous base alloy basic metal products (anodes, cathodes, billets, blooms, pig, slab, or ingot, etc.)....	23	100.0	1.6	.2	4.6	9.2	6.0	-	78.4	-
335	Nonferrous metal basic shapes.....	282	100.0	3.5	11.5	10.1	15.1	35.4	13.5	10.9	-
3351	Copper, brass, bronze, and other copper base alloy basic shapes.....	95	100.0	4.7	21.4	12.3	19.5	22.8	7.3	12.0	-
3352	Aluminum and aluminum base alloy basic shapes (except aluminum foil).....	71	100.0	1.9	9.9	6.9	11.4	57.1	11.5	1.3	-
336	Nonferrous and nonferrous base alloy castings.....	19	100.0	4.9	16.6	15.1	19.3	17.8	3.8	22.5	-
3361	Aluminum and aluminum base alloy castings.....	9	100.0	4.5	20.4	15.3	26.4	20.2	2.1	11.1	-
3369	Miscellaneous nonferrous metal castings	4	100.0	3.9	12.0	15.7	6.7	20.2	.4	41.1	-
339	Miscellaneous primary metal products...	140	100.0	3.3	12.7	14.9	16.2	25.8	11.8	15.3	-
3391	Iron and steel forgings.....	105	100.0	4.2	15.2	15.4	12.7	29.9	14.2	8.4	-
34	Fabricated metal products.....	1,838	100.0	4.7	6.4	10.9	17.6	21.4	10.3	28.7	-
341	Metal cans.....	75	100.0	8.5	13.1	15.2	13.9	26.1	18.2	5.0	-
3411	Metal cans.....	75	100.0	8.5	13.1	15.2	13.9	26.1	18.2	5.0	-
343	Plumbing fixtures and heating apparatus (except electric).....	171	100.0	1.6	6.5	4.8	11.3	18.8	18.9	38.1	-
3432	Plumbing fixture fittings (brass goods) and trim.....	10	100.0	7.1	12.3	12.7	15.4	19.3	5.5	27.7	-
3433	Heating equipment (except electric)....	138	100.0	1.2	7.0	4.4	11.0	20.8	20.9	34.7	-
344	Structural and miscellaneous metal products.....	849	100.0	7.3	7.8	14.4	14.1	16.6	6.4	33.4	-
3441	Structural metal products.....	686	100.0	8.4	8.8	15.7	12.6	15.9	2.8	35.8	-
3449	Miscellaneous metal work.....	5	100.0	6.2	10.6	17.8	26.5	6.7	2.8	29.4	-
345	Bolts, nuts, screws, rivets, washers, and other industrial fasteners.....	72	100.0	2.9	6.0	12.6	20.6	31.0	5.1	21.8	-
3452	Bolts, nuts, screws, rivets, washers, and other industrial fasteners.....	72	100.0	2.9	6.0	12.6	20.6	31.0	5.1	21.8	-
346	Metal stampings.....	225	100.0	2.0	1.3	5.9	32.5	20.6	10.0	27.7	-
3461	Metal stampings.....	225	100.0	2.0	1.3	5.9	32.5	20.6	10.0	27.7	-
349	Miscellaneous fabricated metal products	388	100.0	1.6	5.7	9.1	20.3	31.7	14.0	17.6	-
3494	Valves and pipe fittings (except plumbers' brass goods and fittings).....	162	100.0	2.5	8.0	9.1	23.7	41.9	7.7	7.1	-
35	Machinery, except electrical.....	786	100.0	2.0	4.3	13.0	10.0	19.6	13.6	37.5	-
351	Engines and turbines.....	55	100.0	.5	.8	5.9	6.1	18.9	37.8	30.0	-
3511	Steam engines and turbines and steam turbine generator sets.....	47	100.0	.4	.7	5.1	6.4	19.0	34.8	33.6	-
353	Construction, mining, and materials handling machinery and equipment.....	327	100.0	1.0	4.0	4.7	9.4	15.0	8.6	57.3	-
3531	Construction machinery and equipment...	72	100.0	1.3	9.3	8.0	16.8	14.5	7.6	42.5	-
3532	Mining machinery, equipment, and parts (except oil field machinery and equipment).....	37	100.0	3.3	7.1	4.9	8.4	33.5	7.6	35.2	-
3533	Oil field machinery and equipment.....	22	100.0	1.5	3.0	1.1	.8	16.6	58.0	18.1	-
3537	Industrial trucks, tractors, trailers, stackers, and metal skids, pallets, and platforms.....	26	100.0	.8	2.9	18.2	5.3	46.9	10.0	9.0	-

See footnote at end of table.

TABLE 2. Percent Distribution of Commodities, by Distance of Shipment: 1967--Continued

TCC code	Commodity	Number	Percent distribution by distance of shipment								Sampling variability code ¹
			All distances	Under 100 miles	100 to 199 miles	200 to 299 miles	300 to 499 miles	500 to 999 miles	1,000 to 1,499 miles	1,500 miles or over	
	TON-MILES OF SHIPMENTS--Continued	(millions of ton-miles)									
354	Metalworking machinery and equipment...	126	100.0	5.5	6.2	42.3	17.5	3.8	4.8	19.9	-
3541	Machine tools, metal cutting types.....	5	100.0	-	1.3	7.1	12.5	18.6	12.4	48.1	-
3542	Machine tools, metal forming types.....	3	100.0	2.0	5.6	5.1	10.8	6.5	7.3	62.7	-
3548	Metalworking machinery (except machine tools).....	37	100.0	2.3	7.3	15.4	40.8	8.0	13.7	12.5	-
355	Special industry machinery (except metalworking machinery).....	102	100.0	2.0	2.2	14.1	4.9	39.5	6.9	30.4	-
3552	Textile machinery.....	14	100.0	2.5	.9	2.5	15.2	36.9	.8	41.2	-
3559	Miscellaneous special industry machinery.....	55	100.0	2.9	3.5	24.5	3.0	46.0	9.4	10.7	-
356	General industrial machinery and equipment.....	48	100.0	3.4	11.3	17.2	16.4	20.3	14.4	17.0	-
3561	Pumps, air and gas compressors, and measuring and dispensing pumps, also pumping equipment.....	21	100.0	1.2	18.5	23.2	11.5	15.7	14.9	15.0	-
358	Service industry machines.....	48	100.0	1.5	3.9	5.3	8.0	39.8	25.8	15.7	-
3585	Refrigerators and refrigeration machinery (except household), and complete air-conditioning units.....	41	100.0	1.5	3.6	5.2	7.9	38.4	25.9	17.5	-
359	Miscellaneous machinery and parts (except electrical).....	11	100.0	2.1	17.7	22.3	7.6	8.4	14.7	27.2	-
3599	Miscellaneous machinery and parts (except electrical).....	11	100.0	2.1	17.7	22.3	7.6	8.4	14.7	27.2	-
36	Electrical machinery and equipment.....	828	100.0	1.9	2.7	8.4	18.4	27.7	10.4	30.5	-
361	Electrical transmission and distribution equipment.....	275	100.0	.8	1.3	10.1	22.4	29.9	11.4	24.1	-
3611	Electrical measuring instruments and test equipment.....	2	100.0	1.8	1.3	6.8	5.5	21.1	29.5	34.0	-
3613	Switchgear and switchboard apparatus...	88	100.0	.6	1.4	5.5	11.5	20.2	20.8	40.0	-
362	Electrical industrial apparatus.....	186	100.0	.7	3.0	8.1	18.8	29.4	8.5	31.5	-
3622	Industrial controls and parts.....	22	100.0	1.3	1.4	6.3	11.7	22.3	3.8	53.2	-
3629	Miscellaneous electrical industrial apparatus.....	2	100.0	.6	10.4	7.0	12.6	55.5	2.3	11.6	-
364	Electric lighting and wiring equipment.	206	100.0	1.7	3.0	7.1	13.7	22.9	11.1	40.5	-
3642	Lighting fixtures.....	67	100.0	4.0	2.6	10.5	10.4	25.8	7.0	39.7	-
3644	Noncurrent carrying wiring devices.....	58	100.0	.8	3.8	4.9	26.3	21.3	13.0	29.9	-
367	Electronic components or accessories...	38	100.0	2.1	2.0	8.7	10.9	52.3	1.8	22.2	-
37	Transportation equipment.....	701	100.0	2.7	6.0	7.3	23.4	35.0	8.6	17.0	-
371	Motor vehicles and motor vehicle equipment.....	202	100.0	3.8	5.2	9.2	27.4	28.2	8.3	17.9	-
3714	Motor vehicle parts and accessories...	130	100.0	4.1	4.9	9.6	31.9	28.3	6.3	14.9	-
372	Aircraft and parts.....	20	100.0	3.3	4.8	1.9	.4	76.2	1.5	11.9	-
3722	Aircraft and missile engines and parts.	18	100.0	3.6	3.7	2.1	.4	85.0	.9	4.3	-
373	Ships and boats.....	13	100.0	.6	4.6	3.3	23.0	11.3	11.4	45.8	-
3732	Ships and boats.....	13	100.0	.6	4.6	3.3	23.0	11.3	11.4	45.8	-
374	Railroad equipment.....	394	100.0	2.4	5.5	6.8	25.0	41.3	9.9	9.1	-
3742	Railroad and street cars.....	358	100.0	1.9	6.1	7.5	18.5	45.3	10.9	9.8	-
382	Measuring, controlling, and indicating instruments.....	17	100.0	.6	.9	3.4	7.7	24.7	9.1	53.6	-
39	Miscellaneous products of manufacturing	166	100.0	1.6	1.0	6.0	17.7	20.9	9.3	43.5	-
399	Miscellaneous manufactured products....	126	100.0	1.7	.4	6.8	13.8	20.7	8.9	47.7	-
3999	Manufactured products, n.e.c.....	15	100.0	6.5	1.7	12.3	12.7	22.4	37.8	6.6	-

¹Code letter indicates a sampling variability range as follows: a, 0-9 percent; b, 10-19 percent; c, 20-29 percent; and d, 30-50 percent. The variability for ton-miles has not been estimated.

TABLE 3. Percent Distribution of Commodities, by Geographic Division of Destination: 1967

TCC code	Commodity	Number	Percent distribution by geographic division ¹ of destination										Sampling variability code ³
			All means of transport	New England	Middle Atlantic	East North Central	West North Central	South Atlantic	East South Central	West South Central	Mountain	Pacific ²	
	TONS OF SHIPMENTS	(thous of tons)											
	Pennsylvania, total.....	103,007	100.0	4.0	48.7	18.7	1.9	10.6	2.6	11.6	0.3	1.6	-
20	Food and kindred products.....	9,412	100.0	5.2	57.5	9.6	1.7	21.9	.9	1.9	.1	1.2	b
201	Meat, poultry, and small gam; fresh, chilled or frozen.....	1,096	100.0	7.1	60.6	6.9	.6	23.5	.5	.3	.1	.4	d
202	Dairy products.....	383	100.0	4.8	69.2	4.6	.3	21.1	-	-	-	-	b
203	Canned and preserved fruits, vegetables, and seafoods.....	1,226	100.0	6.8	42.9	15.6	7.1	18.9	3.8	3.0	.1	1.8	c
2033	Canned fruits and vegetables.....	521	100.0	8.1	50.0	8.8	4.5	19.9	4.8	2.7	.3	.9	d
207	Confectionery and related products....	817	100.0	5.5	31.3	22.5	4.0	16.7	1.4	10.7	.8	7.1	c
2071	Confectionery and related products....	817	100.0	5.5	31.3	22.5	4.0	16.7	1.4	10.7	.8	7.1	c
208	Beverages and flavoring extracts.....	2,994	100.0	2.2	71.2	8.2	.1	17.9	-	.1	-	.3	b
2082	Malt liquors.....	957	100.0	1.7	77.4	10.8	-	10.1	-	-	-	-	c
2086	Bottled and canned soft drinks and carbonated, mineral, and plain waters	1,884	100.0	1.2	70.3	6.1	-	22.4	-	-	-	-	c
2087	Miscellaneous flavoring extracts, sirups, and flavoring compounds (except chocolate sirups).....	29	100.0	-	70.0	13.1	1.1	14.5	-	-	-	1.3	d
209	Miscellaneous food preparations and kindred products.....	696	100.0	5.5	57.6	6.2	.8	18.3	1.9	6.5	-	3.2	d
2099	Miscellaneous food preparations.....	330	100.0	5.6	57.3	2.0	.7	23.5	2.1	2.2	-	6.6	d
22	Basic textiles.....	1,158	100.0	3.3	45.2	8.1	1.1	20.4	10.2	4.2	2.1	5.4	d
222	Man-made fiber and silk broadwoven fabrics.....	109	100.0	5.2	55.6	4.8	.3	14.0	16.1	1.4	.4	2.2	d
2221	Man-made fiber broadwoven fabrics....	108	100.0	5.2	55.4	4.8	.3	14.1	16.2	1.4	.4	2.2	d
227	Carpets, rugs, and mats, textile.....	238	100.0	5.5	27.4	27.4	2.4	10.1	.4	6.0	.7	20.1	b
228	Thread and yarn (cotton, wool, silk, and man-made fiber).....	86	100.0	12.9	42.6	9.0	1.8	24.5	7.1	1.5	.2	.4	b
2281	Yarn.....	77	100.0	13.8	43.8	6.6	1.3	26.0	7.4	1.0	.1	-	b
231	Men's, youths', and boys' clothing....	109	100.0	3.6	48.6	20.2	3.7	9.4	2.5	5.0	.9	6.1	d
2311	Men's, youths', and boys' clothing....	109	100.0	3.6	48.6	20.2	3.7	9.4	2.5	5.0	.9	6.1	d
233	Women's, misses', girls', and infants' clothing.....	117	100.0	5.3	45.8	19.7	5.0	12.7	2.6	1.9	.9	6.1	d
2331	Women's, misses', girls', and infants' clothing.....	117	100.0	5.3	45.8	19.7	5.0	12.7	2.6	1.9	.9	6.1	d
244	Wooden containers.....	26	100.0	4.4	31.0	13.2	1.6	20.2	14.0	9.4	1.3	4.9	d
2441	Wooden containers.....	26	100.0	4.4	31.1	13.1	1.6	20.2	14.0	9.4	1.3	4.9	d
25	Furniture and fixtures.....	544	100.0	5.5	52.7	14.6	1.5	18.0	2.0	2.5	1.5	1.7	d
251	Household and office furniture.....	409	100.0	6.3	57.0	12.8	1.9	15.1	1.7	2.5	1.4	1.3	c
2513	Couches, davenports, love seats, sofas, and settees.....	34	100.0	16.9	57.1	7.7	2.2	12.1	.2	1.8	-	2.0	d
2517	Cabinets and cases.....	49	100.0	2.4	54.5	8.5	1.3	22.0	2.6	3.7	4.7	.3	d
26	Pulp, paper, allied products.....	5,561	100.0	5.4	57.5	10.8	1.7	19.6	1.4	2.1	.2	1.3	d
262	Paper (except building paper).....	1,920	100.0	8.6	57.9	15.3	3.3	8.1	1.5	3.3	.1	1.9	d
2621	Paper (except building paper).....	1,920	100.0	8.6	57.9	15.3	3.3	8.1	1.5	3.3	.1	1.9	d
263	Paperboard, fiberboard, and pulpboard (except insulating board).....	823	100.0	8.0	68.5	4.0	1.4	14.8	.8	2.3	-	.2	d
2631	Paperboard, fiberboard, and pulpboard (except insulating board).....	823	100.0	8.0	68.5	4.0	1.4	14.8	.8	2.3	-	.2	d
264	Converted paper and paperboard products (except containers and boxes)....	790	100.0	3.6	46.4	11.4	1.8	25.9	4.1	3.5	.6	2.7	d
2649	Miscellaneous converted paper products and paperboard products.....	262	100.0	5.3	42.8	13.4	3.7	18.2	1.8	8.7	1.7	4.1	d
265	Containers, boxes and related products, paperboard, fiberboard, and pulpboard	1,175	100.0	2.0	76.7	6.1	.4	12.3	.c	.7	.4	1.0	d
2651	Containers, boxes, baskets, pallets and skids, paperboard, fiberboard, and pulpboard.....	981	100.0	1.6	79.9	5.3	.3	11.8	.7	.3	-	.2	d
2654	Sanitary food containers.....	113	100.0	5.0	47.8	17.2	1.1	12.5	1.7	2.7	3.6	6.2	d

See footnotes at end of table.

TABLE 3. Percent Distribution of Commodities, by Geographic Division of Destination: 1967--Continued

TCC code	Commodity	Number	Percent distribution by geographic division ¹ of destination										Sampling variability code ³
			All means of transport	New England	Middle Atlantic	East North Central	West North Central	South Atlantic	East South Central	West South Central	Mountain	Pacific ²	
	TONS OF SHIPMENTS--Continued	(thous. of tons)											
28	Chemicals and allied products.....	7,590	100.0	5.5	55.0	12.8	1.2	19.3	2.6	1.1	0.3	2.2	d
281	Industrial chemicals.....	5,209	100.0	4.1	63.1	9.5	.7	18.1	2.6	.6	.1	1.2	d
2812	Basic inorganic chemical compounds (including chlorine, potassium, and sodium compounds).....	55	100.0	.9	45.8	29.3	1.5	1.8	2.8	16.6	-	1.3	c
2816	Inorganic pigments.....	375	100.0	19.0	22.8	27.2	4.5	5.8	6.9	3.3	.9	9.6	d
2818	Miscellaneous industrial organic chemicals.....	626	100.0	10.2	44.9	14.2	2.6	10.0	15.9	1.0	-	1.2	c
282	Plastic materials and plasticizers, synthetic resins, rubbers, and fibers.	642	100.0	9.1	40.0	21.7	1.9	17.1	2.8	2.1	1.0	4.3	a
2821	Plastic materials and plasticizers, synthetic resins, rubbers, and fibers.	642	100.0	9.1	40.0	21.7	1.9	17.1	2.8	2.1	1.0	4.3	a
283	Drugs (biological products, medicinal chemicals, botanical products and pharmaceutical preparations).....	236	100.0	8.9	31.4	21.9	1.9	18.6	.7	2.5	3.2	10.9	c
2831	Drugs (biological products, medicinal chemicals, botanical products and pharmaceutical preparations).....	236	100.0	8.9	31.4	21.9	1.9	18.6	.7	2.5	3.2	10.9	c
284	Soap and detergents, cleaning preparations, perfumes, cosmetics, and other toilet preparations.....	376	100.0	11.1	35.8	21.9	1.8	13.8	3.2	5.8	.3	6.3	a
2842	Specialty cleaning, polishing, and sanitation preparations (except soap and detergents).....	185	100.0	9.6	32.8	30.0	.8	10.7	1.9	9.9	.1	4.2	b
285	Paints, varnishes, lacquers, enamels, and allied products.....	244	100.0	14.1	43.1	16.1	1.3	19.7	3.7	1.5	.2	.3	c
2851	Paints, varnishes, lacquers, enamels, and allied products.....	244	100.0	14.1	43.1	16.1	1.3	19.7	3.7	1.5	.2	.3	c
287	Agricultural chemicals.....	74	100.0	.6	34.8	32.0	22.1	1.3	3.0	1.1	-	5.1	c
289	Miscellaneous chemical products.....	810	100.0	5.7	37.7	17.0	1.3	33.1	2.1	.8	-	2.3	d
2891	Glue and gelatin.....	72	100.0	5.0	32.6	28.2	.9	31.1	1.0	1.0	-	.2	d
2899	Chemical products, n.e.c.....	533	100.0	7.2	35.3	15.6	1.8	33.6	1.9	1.1	-	3.5	d
295	Paving and roofing materials.....	323	100.0	2.2	72.9	3.0	-	21.9	-	-	-	-	b
2952	Asphalt felt and coatings.....	225	100.0	3.1	61.2	4.3	-	31.4	-	-	-	-	b
299	Miscellaneous petroleum and coal products.....	367	100.0	5.5	63.5	24.3	-	6.6	-	-	-	.1	d
2991	Miscellaneous petroleum and coal products.....	367	100.0	5.5	63.5	24.3	-	6.6	-	-	-	.1	d
30	Rubber and miscellaneous plastics products.....	779	100.0	5.6	31.7	27.6	4.3	18.8	4.0	4.0	.8	3.2	b
301	Tires and inner tubes.....	273	100.0	5.2	34.9	24.9	7.0	14.4	6.4	4.1	1.3	1.8	d
3011	Tires and inner tubes.....	273	100.0	5.2	34.9	24.9	7.0	14.4	6.4	4.1	1.3	1.8	d
307	Miscellaneous plastic products.....	273	100.0	6.3	32.0	30.8	3.2	16.1	4.0	2.8	.2	4.6	b
3071	Miscellaneous plastic products.....	273	100.0	6.3	32.0	30.8	3.2	16.1	4.0	2.8	.2	4.6	b
31	Leather and leather products.....	34	100.0	5.7	40.2	10.6	8.5	21.8	2.0	3.7	2.2	5.3	d
314	Footwear (except rubber).....	23	100.0	5.9	45.1	11.9	11.6	12.4	2.8	4.6	1.2	4.5	d
3141	Footwear (except house slippers and rubber footwear).....	23	100.0	5.9	45.1	11.9	11.6	12.4	2.8	4.6	1.2	4.5	d
32	Stone, clay, and glass products.....	14,039	100.0	5.7	56.4	24.6	.9	9.7	1.1	.7	.1	.8	b
322	Glass and glassware, pressed and blown.	1,659	100.0	6.8	54.5	20.5	1.9	12.2	1.8	.3	.1	1.9	c
3221	Glass containers, caps and covers.....	1,588	100.0	6.9	55.3	20.2	1.6	12.4	1.6	.3	-	1.7	c
3229	Glass products (except flat glass and glass containers).....	71	100.0	3.4	35.4	27.3	7.8	7.2	8.2	2.1	1.4	7.2	d
324	Hydraulic cement.....	7,633	100.0	4.9	56.4	29.3	.1	9.2	.1	-	-	-	d
3241	Hydraulic cement.....	7,633	100.0	4.9	56.4	29.3	.1	9.2	.1	-	-	-	d
325	Structural clay products.....	2,344	100.0	9.1	55.4	17.3	1.5	11.4	1.6	2.1	.3	1.3	c
3251	Brick and structural clay tile.....	678	100.0	8.8	75.7	6.7	.5	7.0	-	1.0	-	.3	d
3255	Refractories, clay and nonclay.....	1,325	100.0	7.4	44.0	25.4	2.2	12.9	2.7	3.0	.6	1.8	c
329	Abrasives, asbestos, and miscellaneous nonmetallic mineral products.....	551	100.0	5.5	32.1	25.6	1.2	14.3	9.8	3.6	.2	7.7	d
3292	Asbestos products.....	109	100.0	12.3	36.4	15.0	.6	30.7	.8	2.5	.6	1.1	c

See footnotes at end of table.

TABLE 3. Percent Distribution of Commodities, by Geographic Division of Destination: 1967--Continued

TCC code	Commodity	Number	Percent distribution by geographic division ¹ of destination										Sampling variability code ³
			All means of transport	New England	Middle Atlantic	East North Central	West North Central	South Atlantic	East South Central	West South Central	Mountain	Pacific ²	
	TONS OF SHIPMENTS--Continued	(thous. of tons)											
33	Primary metal products.....	26,900	100.0	4.6	37.1	35.5	2.9	7.4	5.9	4.2	0.3	2.1	a
331	Steel works and rolling mill products.	24,235	100.0	4.7	35.5	36.6	3.0	7.0	6.3	4.4	.3	2.2	a
3312	Primary iron and steel products (except coke-oven products).....	23,025	100.0	4.9	36.0	35.5	3.1	7.2	6.1	4.7	.3	2.2	a
332	Iron and steel castings.....	950	100.0	2.3	55.8	26.1	1.8	9.6	2.4	1.0	.3	.7	d
3321	Iron and steel castings.....	950	100.0	2.3	55.8	26.1	1.8	9.6	2.4	1.0	.3	.7	d
333	Nonferrous metals primary smelter products (slab, ingot, pig, etc., and residues).....	403	100.0	5.6	41.7	35.7	2.2	6.3	5.7	.4	-	2.4	b
3339	Miscellaneous primary nonferrous and nonferrous base alloy basic metal products (anodes, cathodes, billets, blooms, pig, slab, or ingot, etc.)...	27	100.0	7.4	41.7	20.9	.3	.1	-	-	-	29.6	c
335	Nonferrous metal basic shapes.....	802	100.0	6.2	49.2	19.2	2.4	15.5	1.1	4.7	.1	1.6	c
3351	Copper, brass, bronze, and other copper base alloy basic shapes.....	352	100.0	4.6	60.6	20.5	1.8	7.2	.3	3.6	-	1.4	d
3352	Aluminum and aluminum base alloy basic shapes (except aluminum foil).....	186	100.0	7.9	44.0	16.0	.7	25.9	1.5	3.7	.1	.2	d
336	Nonferrous and nonferrous base alloy castings.....	65	100.0	11.0	36.5	32.2	1.5	13.0	1.6	.9	1.3	2.0	d
3361	Aluminum and aluminum base alloy castings.....	33	100.0	8.3	32.8	37.3	2.3	16.4	1.0	.5	-	1.4	d
3369	Miscellaneous nonferrous metal castings.....	12	100.0	17.9	39.9	22.0	.7	6.6	4.4	.4	6.7	1.4	d
339	Miscellaneous primary metal products..	445	100.0	3.4	44.2	30.2	3.4	10.6	2.7	3.3	.1	2.1	b
3391	Iron and steel forgings.....	371	100.0	3.4	50.6	29.4	3.9	5.4	3.1	3.1	.1	1.0	b
34	Fabricated metal products.....	4,977	100.0	8.2	44.1	15.4	2.9	18.1	2.7	3.3	1.7	3.6	b
341	Metal cans.....	296	100.0	4.4	52.1	13.4	2.2	20.8	2.4	4.2	-	.5	b
3411	Metal cans.....	296	100.0	4.4	52.1	13.4	2.2	20.8	2.4	4.2	-	.5	b
343	Plumbing fixtures and heating apparatus (except electric).....	310	100.0	3.7	41.4	15.8	7.5	10.6	2.7	6.8	5.1	6.4	d
3432	Plumbing fixture fittings (brass goods) and trim.....	35	100.0	2.8	65.8	15.4	.8	8.1	2.0	.7	3.5	.9	c
3433	Heating equipment (except electric)...	249	100.0	3.7	38.8	15.9	9.0	11.3	2.9	7.4	5.8	5.2	d
344	Structural and miscellaneous metal products.....	2,811	100.0	10.5	53.5	7.2	1.0	19.7	1.6	1.7	1.4	3.4	b
3441	Structural metal products.....	2,431	100.0	10.8	55.9	4.9	.5	21.2	1.2	.8	1.2	3.5	b
3449	Miscellaneous metal work.....	22	100.0	1.1	65.4	14.6	.8	12.9	.5	.5	4.0	.2	d
345	Bolts, nuts, screws, rivets, washers, and other industrial fasteners.....	190	100.0	2.1	39.0	16.4	7.7	28.0	1.7	1.2	2.9	1.0	b
3452	Bolts, nuts, screws, rivets, washers, and other industrial fasteners.....	190	100.0	2.1	39.0	16.4	7.7	28.0	1.7	1.2	2.9	1.0	b
346	Metal stampings.....	434	100.0	3.5	20.7	43.1	7.0	12.7	5.1	2.2	-	5.7	a
3461	Metal stampings.....	434	100.0	3.5	20.7	43.1	7.0	12.7	5.1	2.2	-	5.7	a
349	Miscellaneous fabricated metal products.....	835	100.0	8.0	25.6	30.0	4.4	14.6	4.8	7.4	1.8	3.4	b
3494	Valves and pipe fittings (except plumbers' brass goods and fittings)...	415	100.0	5.5	22.2	39.8	6.0	14.4	5.0	5.1	.9	1.1	b
35	Machinery, except electrical.....	1,573	100.0	2.5	39.6	22.7	4.4	13.1	4.1	5.7	1.1	6.8	b
351	Engines and turbines.....	73	100.0	7.7	26.5	13.8	3.8	5.2	8.4	24.3	2.2	8.1	b
3511	Steam engines and turbines and steam turbine generator sets.....	62	100.0	9.1	27.1	16.2	4.5	.9	9.9	20.6	2.5	9.2	b
353	Construction, mining, and materials handling machinery and equipment....	464	100.0	2.0	30.9	19.3	5.0	12.4	6.1	7.1	2.1	14.8	c
3531	Construction machinery and equipment..	154	100.0	4.7	47.5	15.7	3.2	12.8	2.5	11.2	.4	2.0	c
3532	Mining machinery, equipment, and parts (except oil field machinery and equipment).....	75	100.0	-	29.1	7.6	17.1	24.3	10.5	2.7	7.4	1.3	c
3533	Oil field machinery and equipment.....	27	100.0	.1	20.2	2.2	15.0	16.1	1.4	34.5	7.7	6.0	d
3537	Industrial trucks, tractors, trailers, stackers, and metal skids, pallets, and platforms.....	52	100.0	1.7	37.3	25.1	1.4	7.1	19.0	6.5	.1	1.8	c

See footnotes at end of table.

TABLE 3. Percent Distribution of Commodities, by Geographic Division of Destination: 1967--Continued

TCC code	Commodity	Number	Percent distribution by geographic division ¹ of destination										Sampling variability code ³
			All means of transport	New England	Middle Atlantic	East North Central	West North Central	South Atlantic	East South Central	West South Central	Mountain	Pacific ²	
	TONS OF SHIPMENTS--Continued	(thous. of tons)											
354	Metalworking machinery and equipment...	478	100.0	0.4	48.2	36.8	0.3	10.4	0.4	1.0	0.2	2.3	d
3541	Machine tools, metal cutting types....	7	100.0	6.0	23.8	33.4	2.2	4.2	6.9	7.1	.5	15.9	c
3542	Machine tools, metal forming types....	5	100.0	.4	36.8	34.8	.7	2.9	.8	4.4	10.4	8.8	c
3548	Metalworking machinery (except machine tools).....	111	100.0	1.2	30.5	52.2	.9	8.2	1.3	3.7	.4	1.6	b
355	Special industry machinery (except metalworking machinery).....	197	100.0	5.9	39.6	13.1	2.2	18.1	8.9	6.9	.1	5.2	d
3552	Textile machinery.....	27	100.0	4.0	32.2	.8	1.2	45.6	3.4	12.0	-	.8	d
3559	Miscellaneous special industry machinery.....	138	100.0	5.4	47.8	13.1	1.7	12.5	11.4	6.3	.1	1.7	d
356	General industrial machinery and equipment.....	151	100.0	3.5	58.0	16.8	1.2	11.8	1.2	5.0	.4	2.1	c
3561	Pumps, air and gas compressors, and measuring and dispensing pumps, also pumping equipment.....	68	100.0	2.0	73.6	6.8	.6	7.3	1.2	6.3	.4	1.8	c
358	Service industry machines.....	80	100.0	5.9	21.4	17.3	2.2	32.3	6.2	10.1	3.1	1.5	c
3585	Refrigerators and refrigeration machinery (except household), and complete air-conditioning units.....	66	100.0	6.5	21.2	17.2	2.6	29.8	7.0	10.3	3.7	1.7	c
359	Miscellaneous machinery and parts (except electrical).....	36	100.0	.6	52.9	3.1	1.3	32.7	2.6	1.8	1.4	3.6	d
3599	Miscellaneous machinery and parts (except electrical).....	36	100.0	.6	52.9	3.1	1.3	32.7	2.6	1.8	1.4	3.6	d
36	Electrical machinery and equipment....	1,624	100.0	6.2	27.5	28.6	8.3	15.4	3.0	3.7	1.5	5.8	a
361	Electrical transmission and distribution equipment.....	518	100.0	7.0	10.1	31.3	13.6	23.2	3.2	5.9	.7	5.0	b
3611	Electrical measuring instruments and test equipment.....	3	100.0	5.0	31.9	21.8	4.5	7.0	7.6	12.6	2.5	7.1	d
3613	Switchgear and switchboard apparatus...	116	100.0	5.0	19.4	19.8	11.4	11.7	5.4	14.1	1.6	11.6	d
362	Electrical industrial apparatus.....	336	100.0	3.7	29.9	35.0	8.3	8.9	3.1	3.0	1.2	6.9	c
3622	Industrial controls and parts.....	31	100.0	2.6	10.9	34.0	2.7	23.7	3.1	5.1	2.7	15.2	d
3629	Miscellaneous electrical industrial apparatus.....	5	100.0	1.3	6.5	47.2	3.9	15.1	22.4	.9	.3	2.4	d
364	Electric lighting and wiring equipment.	371	100.0	8.4	35.7	17.8	6.2	13.8	3.6	3.0	3.0	8.5	c
3642	Lighting fixtures.....	152	100.0	15.7	43.5	13.9	2.8	13.6	1.5	1.3	1.3	6.4	d
3644	Noncurrent carrying wiring devices....	113	100.0	5.0	37.1	16.8	3.9	16.1	8.1	2.9	5.6	4.5	d
367	Electronic components or accessories...	82	100.0	.8	26.2	57.5	2.4	4.7	3.2	.7	.2	4.3	d
37	Transportation equipment.....	1,700	100.0	3.0	36.8	21.9	10.3	17.1	4.7	3.1	.3	2.8	a
371	Motor vehicles and motor vehicle equipment.....	519	100.0	5.8	31.9	28.0	3.6	23.0	1.8	3.0	.5	2.4	b
3714	Motor vehicle parts and accessories....	358	100.0	1.2	30.2	31.3	3.9	28.9	-	2.0	-	2.5	a
372	Aircraft and parts.....	45	100.0	7.7	39.6	11.8	.3	38.0	.1	.2	.1	2.2	d
3722	Aircraft and missile engines and parts.	41	100.0	8.4	36.1	12.8	.2	41.7	-	.1	-	.7	d
373	Ships and boats.....	20	100.0	16.6	23.4	13.6	2.1	23.3	2.7	6.2	.2	11.9	d
3732	Ships and boats.....	20	100.0	16.6	23.4	13.6	2.1	23.3	2.7	6.2	.2	11.9	d
374	Railroad equipment.....	975	100.0	.3	38.7	21.2	15.5	12.6	6.7	3.2	.2	1.6	b
3742	Railroad and street cars.....	831	100.0	.4	33.6	24.9	18.2	12.6	7.9	3.8	.2	1.8	b
382	Measuring, controlling, and indicating instruments.....	20	100.0	1.8	17.9	38.3	8.0	5.3	2.8	4.4	7.6	13.9	d
39	Miscellaneous products of manufacturing	267	100.0	16.2	22.8	12.9	2.3	27.2	3.8	3.8	.3	10.7	c
399	Miscellaneous manufactured products....	193	100.0	19.4	18.7	4.9	1.5	34.4	4.5	3.9	.1	12.6	c
3999	Manufactured products, n.e.c.....	40	100.0	16.1	45.7	3.2	1.3	19.4	2.7	11.0	-	.6	d

See footnotes at end of table.

TABLE 3. Percent Distribution of Commodities, by Geographic Division of Destination: 1967--Continued

TCC code	Commodity	Number	Percent distribution by geographic division ¹ of destination										Sampling variability code ³
			All means of transport	New England	Middle Atlantic	East North Central	West North Central	South Atlantic	East South Central	West South Central	Mountain	Pacific ²	
	TON-MILES OF SHIPMENTS	(millions of ton-miles)											
	Pennsylvania, total.....	35,810	100.0	3.5	12.2	15.2	4.3	7.7	4.1	40.7	1.5	10.8	-
20	Food and kindred products.....	2,094	100.0	6.6	25.6	14.8	6.2	20.4	2.5	10.2	.7	13.0	-
201	Meat, poultry, and small game; fresh, chilled or frozen.....	234	100.0	9.0	40.8	10.1	2.3	29.4	1.6	1.9	.5	4.4	-
202	Dairy products.....	39	100.0	15.8	49.3	8.4	2.4	24.0	.1	-	-	-	-
203	Canned and preserved fruits, vegetable, and seafoods.....	469	100.0	6.5	17.9	15.1	14.2	19.8	6.2	9.1	.5	10.7	-
2033	Canned fruits and vegetables.....	185	100.0	8.8	22.2	10.2	11.3	21.4	9.2	9.7	1.2	6.0	-
207	Confectionery and related products.....	485	100.0	2.5	5.5	19.5	6.1	11.8	1.5	21.9	2.4	28.8	-
2071	Confectionery and related products.....	485	100.0	2.5	5.5	19.5	6.1	11.8	1.5	21.9	2.4	28.8	-
208	Beverages and flavoring extracts.....	325	100.0	4.8	56.4	10.0	.8	20.3	.2	1.1	.1	6.3	-
2082	Malt liquors.....	114	100.0	3.1	73.1	11.6	-	12.2	-	-	-	-	-
2086	Bottled and canned soft drinks and carbonated, mineral, and plain waters.	146	100.0	3.3	60.5	5.0	-	31.2	-	-	-	-	-
2087	Miscellaneous flavoring extracts, sirups, and flavoring compounds (except chocolate sirups).....	5	100.0	-	38.3	25.5	5.3	12.3	-	-	-	18.6	-
209	Miscellaneous food preparations and kindred products.....	218	100.0	6.1	21.1	5.7	2.0	13.7	4.1	23.2	-	24.1	-
2099	Miscellaneous food preparations.....	115	100.0	4.7	18.2	2.1	1.6	15.1	4.6	8.8	.1	44.8	-
22	Basic textiles.....	573	100.0	1.9	7.8	8.0	2.0	20.9	15.2	9.4	8.6	26.2	-
222	Man-made fiber and silk broadwoven fabrics.....	37	100.0	4.0	17.7	8.5	.9	18.3	26.5	5.4	2.0	16.7	-
2221	Man-made fiber broadwoven fabrics.....	37	100.0	4.0	17.6	8.5	.9	18.4	26.4	5.5	2.0	16.7	-
227	Carpets, rugs, and mats, textiles.....	195	100.0	1.5	4.7	16.1	2.7	5.2	.3	9.3	1.7	58.5	-
228	Thread and yarn (cotton, wool, silk, and man-made fiber).....	32	100.0	14.2	21.8	10.4	4.1	30.1	11.0	5.0	.9	2.5	-
2281	Yarn.....	28	100.0	15.9	24.1	8.1	3.1	33.0	11.5	3.6	.5	.2	-
231	Men's, youths', and boys' clothing.....	50	100.0	1.9	9.6	19.1	8.2	7.3	3.7	14.6	3.6	32.0	-
2311	Men's, youths', and boys' clothing.....	50	100.0	1.9	9.6	19.1	8.2	7.3	3.7	14.6	3.6	32.0	-
233	Women's, misses', girls', and infants' clothing.....	62	100.0	2.5	11.3	20.4	9.2	17.5	3.7	4.9	3.0	27.5	-
2331	Women's, misses', girls', and infants' clothing.....	62	100.0	2.5	11.3	20.4	9.2	17.5	3.7	4.9	3.0	27.5	-
244	Wooden containers.....	14	100.0	2.5	9.3	14.2	2.6	12.2	11.8	21.7	4.0	21.7	-
2441	Wooden containers.....	14	100.0	2.5	9.3	14.2	2.6	12.1	11.8	21.7	4.0	21.8	-
25	Furniture and fixtures.....	171	100.0	5.5	17.5	19.9	4.6	16.8	4.4	9.5	8.7	13.1	-
251	Household and office furniture.....	124	100.0	6.8	19.2	19.3	5.9	17.5	3.2	9.7	8.0	10.4	-
2513	Couches, davenport, love seats, sofas, and settees.....	9	100.0	17.4	22.9	17.1	6.7	8.8	.4	8.7	.1	17.9	-
2517	Cabinets and cases.....	16	100.0	2.4	19.5	8.6	3.5	26.4	4.2	13.4	19.6	2.4	-
26	Pulp, paper, and allied products.....	1,445	100.0	6.5	22.1	19.0	5.2	21.6	3.7	8.3	1.4	12.2	-
262	Paper (except building paper).....	572	100.0	10.4	21.9	24.0	8.5	6.9	2.7	9.9	.7	15.0	-
2621	Paper (except building paper).....	572	100.0	10.4	21.9	24.0	8.5	6.9	2.7	9.9	.7	15.0	-
263	Paperboard, fiberboard, and pulpboard (except insulating board).....	197	100.0	8.3	23.9	10.7	4.7	37.5	2.6	10.4	-	1.9	-
2631	Paperboard, fiberboard, and pulpboard (except insulating board).....	197	100.0	8.3	23.9	10.7	4.7	37.5	2.6	10.4	-	1.9	-
264	Converted paper and paperboard products (except containers and boxes).....	289	100.0	3.0	15.7	13.9	4.5	21.7	9.2	12.1	2.5	17.4	-
2649	Miscellaneous converted paper products and paperboard products.....	135	100.0	3.3	13.5	12.5	6.2	15.2	2.2	21.6	5.2	20.3	-
265	Containers, boxes and related products, paperboard, fiberboard, and pulpboard.	197	100.0	2.7	41.7	12.7	2.0	15.3	2.7	3.9	4.3	14.7	-
2651	Containers, boxes, baskets, pallets and skids, paperboard, fiberboard, and pulpboard.....	131	100.0	2.5	54.7	11.6	2.2	17.7	2.8	2.8	.3	5.4	-
2654	Sanitary food containers.....	58	100.0	2.1	8.5	17.2	1.8	8.7	2.9	6.9	14.0	37.0	-

See footnotes at end of table.

TABLE 3. Percent Distribution of Commodities, by Geographic Division of Destination: 1967--Continued

TCC code	Commodity	Number	Percent distribution by geographic division ¹ of destination										Sampling variability code ³
			All means of transport	New England	Middle Atlantic	East North Central	West North Central	South Atlantic	East South Central	West South Central	Mountain	Pacific ²	
	TON-MILES OF SHIPMENTS--Continued	(millions of ton-miles)											
28	Chemicals and allied products.....	1,783	100.0	6.7	17.4	20.8	4.3	15.2	5.7	5.6	2.1	22.2	-
281	Industrial chemicals.....	857	100.0	6.7	24.1	20.2	3.8	15.2	7.5	4.4	.6	17.5	-
2812	Basic inorganic chemical compounds (including chlorine, potassium, and sodium compounds).....	29	100.0	.3	10.4	33.0	2.8	.8	4.5	42.0	-	6.2	-
2816	Inorganic pigments.....	233	100.0	10.6	4.9	22.5	6.9	3.2	7.0	5.6	2.2	37.1	-
2818	Miscellaneous industrial organic chemicals.....	157	100.0	9.3	15.0	13.4	8.2	12.3	26.3	4.8	-	10.7	-
282	Plastic materials and plasticizers, synthetic resins, rubbers, and fibers.	262	100.0	7.5	13.3	20.8	3.6	17.0	4.6	5.4	4.8	23.0	-
2821	Plastic materials and plasticizers, synthetic resins, rubbers, and fibers.	262	100.0	7.5	13.3	20.8	3.6	17.0	4.6	5.4	4.8	23.0	-
283	Drugs (biological products, medicinal chemicals, botanical products and pharmaceutical preparations).....	140	100.0	4.0	6.6	14.7	2.9	9.8	.9	5.6	11.8	43.7	-
2831	Drugs (biological products, medicinal chemicals, botanical products and pharmaceutical preparations).....	140	100.0	4.0	6.6	14.7	2.9	9.8	.9	5.6	11.8	43.7	-
284	Soap and detergents, cleaning preparations, perfumes, cosmetics, and other toilet preparations.....	202	100.0	5.1	8.3	21.8	3.0	8.6	4.8	13.2	.9	34.3	-
2842	Specialty cleaning, polishing, and sanitation preparations (except soap and detergents).....	94	100.0	4.8	9.2	32.0	1.6	6.1	3.3	23.9	.4	18.7	-
285	Paints, varnishes, lacquers, enamels, and allied products.....	62	100.0	15.1	18.0	24.9	4.4	18.3	8.4	6.9	1.6	2.4	-
2851	Paints, varnishes, lacquers, enamels, and allied products.....	62	100.0	15.1	18.0	24.9	4.4	18.3	8.4	6.9	1.6	2.4	-
287	Agricultural chemicals.....	36	100.0	.3	5.7	26.2	35.4	.7	4.9	2.3	-	24.5	-
289	Miscellaneous chemical products.....	225	100.0	7.2	12.7	24.9	3.8	24.2	3.3	3.7	-	20.2	-
2891	Glue and gelatin.....	26	100.0	3.9	14.7	36.2	2.4	36.1	1.8	3.4	-	1.5	-
2899	Chemical products, n.e.c.....	151	100.0	9.4	11.1	19.9	5.1	17.0	2.9	4.8	-	29.8	-
295	Paving and roofing materials.....	45	100.0	4.9	63.1	5.6	-	26.3	-	.1	-	-	-
2952	Asphalt felt and coatings.....	36	100.0	6.2	53.4	7.0	-	33.3	-	.1	-	-	-
299	Miscellaneous petroleum and coal products.....	58	100.0	7.6	44.1	39.6	.2	6.3	.2	-	-	2.0	-
2991	Miscellaneous petroleum and coal products.....	58	100.0	7.6	44.1	39.6	.2	6.3	.2	-	-	2.0	-
30	Rubber and miscellaneous plastics products.....	340	100.0	3.9	8.1	24.5	8.4	18.3	5.7	11.2	2.9	17.0	-
301	Tires and inner tubes.....	98	100.0	4.1	7.1	19.0	17.4	10.4	12.1	13.4	5.3	11.2	-
3011	Tires and inner tubes.....	98	100.0	4.1	7.1	19.0	17.4	10.4	12.1	13.4	5.3	11.2	-
307	Miscellaneous plastic products.....	124	100.0	3.8	8.5	30.7	5.6	14.7	4.7	7.2	.9	23.9	-
3071	Miscellaneous plastic products.....	124	100.0	3.8	8.5	30.7	5.6	14.7	4.7	7.2	.9	23.9	-
31	Leather and leather products.....	17	100.0	3.2	11.7	9.9	12.9	19.3	2.6	8.5	7.6	24.3	-
314	Footwear (except rubber).....	11	100.0	3.7	14.8	11.0	18.5	10.7	3.9	11.2	4.3	21.9	-
3141	Footwear (except house slippers and rubber footwear).....	11	100.0	3.7	14.8	11.0	18.5	10.7	3.9	11.2	4.3	21.9	-
32	Stone, clay, and glass products.....	2,352	100.0	8.7	32.0	24.5	4.0	10.4	3.5	4.8	1.3	10.8	-
322	Glass and glassware, pressed and blown.	490	100.0	9.2	36.2	20.8	4.9	10.2	2.9	1.2	.3	14.3	-
3221	Glass containers, caps and covers.....	454	100.0	9.7	37.8	21.4	4.4	10.5	2.4	.9	-	12.9	-
3229	Glass products (except flat glass and glass containers).....	36	100.0	2.9	17.4	12.6	11.7	5.9	8.8	4.7	4.0	32.0	-
324	Hydraulic cement.....	672	100.0	9.2	42.2	32.8	1.7	13.1	1.0	-	-	-	-
3241	Hydraulic cement.....	672	100.0	9.2	42.2	32.8	1.7	13.1	1.0	-	-	-	-
325	Structural clay products.....	573	100.0	11.2	25.6	21.7	4.4	9.5	3.7	9.9	2.3	11.7	-
3251	Brick and structural clay tile.....	84	100.0	16.4	49.2	13.0	2.1	4.8	-	10.2	-	4.3	-
3255	Refractories, clay and nonclay.....	400	100.0	8.3	20.3	26.4	5.0	8.0	4.5	10.9	3.2	13.4	-
329	Abrasives, asbestos, and miscellaneous nonmetallic mineral products.....	264	100.0	3.5	10.2	19.4	2.2	9.6	10.9	8.8	.8	34.6	-
3292	Asbestos products.....	31	100.0	13.5	14.7	22.2	2.1	22.0	2.1	11.4	3.2	8.8	-

See footnotes at end of table.

TABLE 3. Percent Distribution of Commodities, by Geographic Division of Destination: 1967--Continued

TCC code	Commodity	Number	Percent distribution by geographic division ¹ of destination										Sampling variability code ³
			All means of transport	New England	Middle Atlantic	East North Central	West North Central	South Atlantic	East South Central	West South Central	Mountain	Pacific ²	
	TON-MILES OF SHIPMENTS--Continued	(millions of ton-miles)											
33	Primary metal products.....	8,823	100.0	5.1	14.5	28.6	6.8	6.1	9.0	13.4	1.2	15.3	-
331	Steel works and rolling mill products..	8,087	100.0	5.1	13.9	28.8	6.7	5.6	9.4	13.7	1.2	15.6	-
3312	Primary iron and steel products (except coke-oven products).....	7,744	100.0	5.3	14.3	27.9	7.0	5.6	9.0	14.3	1.3	15.3	-
332	Iron and steel castings.....	191	100.0	3.6	30.8	26.7	7.7	9.7	5.6	5.7	2.4	7.8	-
3321	Iron and steel castings.....	191	100.0	3.6	30.8	26.7	7.7	9.7	5.6	5.7	2.4	7.8	-
333	Nonferrous metals primary smelter products (slab, ingot, pig, etc., and residues).....	105	100.0	5.1	16.5	39.3	6.6	4.2	6.3	1.7	-	20.3	-
3339	Miscellaneous primary nonferrous and nonferrous base alloy basic metal products (anodes, cathodes, billets, blooms, pig, slab, or ingot, etc.)....	23	100.0	2.5	6.1	12.8	.3	-	-	-	-	78.3	-
335	Nonferrous metal basic shapes.....	282	100.0	5.3	18.6	22.8	5.9	19.5	2.2	14.9	.4	10.4	-
3351	Copper, brass, bronze, and other copper base alloy basic shapes.....	95	100.0	5.9	31.9	24.1	5.5	7.5	.7	12.4	-	12.0	-
3352	Aluminum and aluminum base alloy basic shapes (except aluminum foil).....	71	100.0	6.4	14.4	21.1	1.7	40.0	3.6	11.5	.3	1.0	-
336	Nonferrous and nonferrous base alloy castings.....	19	100.0	9.8	17.7	32.3	4.2	6.7	3.0	3.8	7.2	15.3	-
3361	Aluminum and aluminum base alloy castings.....	9	100.0	7.1	18.9	40.5	7.7	10.7	1.9	2.1	-	11.1	-
3369	Miscellaneous nonferrous metal castings	4	100.0	10.9	14.4	21.1	1.2	2.4	7.7	1.2	32.2	8.9	-
339	Miscellaneous primary metal products...	140	100.0	3.1	15.9	30.6	8.8	8.7	4.6	13.0	.5	14.8	-
3391	Iron and steel forgings.....	105	100.0	3.2	19.9	32.9	11.3	4.2	5.9	14.2	.7	7.7	-
34	Fabricated metal products.....	1,838	100.0	6.2	13.4	14.2	6.5	14.9	4.5	9.7	7.7	22.9	-
341	Metal cans.....	75	100.0	5.4	25.0	13.9	7.3	18.2	7.3	18.6	.1	4.2	-
3411	Metal cans.....	75	100.0	5.4	25.0	13.9	7.3	18.2	7.3	18.6	.1	4.2	-
343	Plumbing fixtures and heating apparatus (except electric).....	171	100.0	2.2	11.4	10.7	12.1	5.7	2.8	14.9	15.0	25.2	-
3432	Plumbing fixture fittings (brass goods) and trim.....	10	100.0	2.4	27.3	24.7	2.7	8.1	4.1	2.9	20.7	7.1	-
3433	Heating equipment (except electric)....	138	100.0	2.2	10.7	10.4	14.4	5.7	3.0	16.3	16.9	20.4	-
344	Structural and miscellaneous metal products.....	849	100.0	8.2	16.8	7.1	2.5	21.2	3.0	6.0	8.4	26.8	-
3441	Structural metal products.....	686	100.0	8.5	18.2	4.9	1.4	24.6	2.4	2.8	7.7	29.5	-
3449	Miscellaneous metal work.....	5	100.0	1.7	27.2	19.3	2.6	16.2	1.0	2.7	27.2	2.1	-
345	Bolts, nuts, screws, rivets, washers, and other industrial fasteners.....	72	100.0	1.5	13.3	20.2	17.4	20.1	1.9	3.6	15.9	.1	-
3452	Bolts, nuts, screws, rivets, washers, and other industrial fasteners.....	72	100.0	1.5	13.3	20.2	17.4	20.1	1.9	3.6	15.9	6.1	-
346	Metal stampings.....	225	100.0	1.8	5.8	34.2	12.7	7.5	5.8	5.2	.1	26.9	-
3461	Metal stampings.....	225	100.0	1.8	5.8	34.2	12.7	7.5	5.8	5.2	.1	26.9	-
349	Miscellaneous fabricated metal products	388	100.0	7.9	10.0	19.6	7.5	9.4	6.9	16.3	5.6	16.8	-
3494	Valves and pipe fittings (except plumbers' brass goods and fittings).....	162	100.0	4.8	10.2	30.4	12.3	11.0	8.2	13.0	3.6	6.5	-
35	Machinery, except electrical.....	786	100.0	1.5	12.9	15.7	8.1	7.6	5.6	14.5	3.8	30.3	-
351	Engines and turbines.....	55	100.0	2.8	3.8	8.8	4.8	1.8	8.2	39.9	4.5	25.4	-
3511	Steam engines and turbines and steam turbine generator sets.....	47	100.0	3.3	3.5	10.2	5.6	.3	9.6	33.9	5.3	28.3	-
353	Construction, mining, and materials handling machinery and equipment.....	327	100.0	1.0	8.3	10.1	5.7	4.9	5.2	14.3	4.9	45.6	-
3531	Construction machinery and equipment...	72	100.0	3.9	20.3	12.1	4.9	8.8	3.2	36.5	1.2	9.1	-
3532	Mining machinery, equipment, and parts (except oil field machinery and equipment).....	37	100.0	-	8.4	6.2	28.9	7.6	8.3	8.0	26.2	6.1	-
3533	Oil field machinery and equipment.....	22	100.0	-	3.7	1.0	15.8	1.8	1.3	51.4	17.8	17.2	-
3537	Industrial trucks, tractors, trailers, stackers, and metal skids, pallets, and platforms.....	26	100.0	.6	16.9	21.8	2.7	5.9	26.8	16.3	-	8.0	-

See footnotes at end of table.

TABLE 3. Percent Distribution of Commodities, by Geographic Division of Destination: 1967--Continued

TCC code	Commodity	Number	Percent distribution by geographic division ¹ of destination										Sampling variability code ³
			All means of transport	New England	Middle Atlantic	East North Central	West North Central	South Atlantic	East South Central	West South Central	Mountain	Pacific ²	
	TON-MILES OF SHIPMENTS--Continued	(millions of ton-miles)											
354	Metalworking machinery and equipment...	126	100.0	0.6	28.7	39.0	0.9	5.3	0.9	4.8	1.4	18.4	-
3541	Machine tools, metal cutting types.....	5	100.0	2.2	6.0	23.1	2.5	1.6	4.1	11.5	.9	48.1	-
3542	Machine tools, metal forming types.....	3	100.0	.2	11.6	14.1	.8	2.4	.8	7.2	33.4	29.5	-
3548	Metalworking machinery (except machine tools).....	37	100.0	1.7	11.1	51.6	1.9	5.3	2.3	14.1	1.8	10.2	-
355	Special industry machinery (except metalworking machinery).....	102	100.0	3.4	12.7	9.9	4.1	13.4	15.0	16.3	.3	24.9	-
3552	Textile machinery.....	14	100.0	2.1	4.7	1.0	2.0	44.3	4.0	38.0	.1	3.8	-
3559	Miscellaneous special industry machinery.....	55	100.0	3.8	21.7	9.5	4.1	7.6	25.4	17.2	.6	10.1	-
356	General industrial machinery and equipment.....	48	100.0	2.6	26.3	21.3	3.0	9.8	2.3	17.6	2.0	15.1	-
3561	Pumps, air and gas compressors, and measuring and dispensing pumps, also pumping equipment.....	21	100.0	1.9	41.7	8.2	1.7	8.0	2.6	21.1	2.3	12.5	-
358	Service industry machines.....	48	100.0	2.8	5.3	15.0	3.6	27.7	7.5	22.4	9.8	5.9	-
3585	Refrigerators and refrigeration machinery (except household), and complete air-conditioning units.....	41	100.0	3.0	5.2	13.7	4.1	25.8	8.3	22.4	11.1	6.4	-
359	Miscellaneous machinery and parts (except electrical).....	11	100.0	.5	31.3	4.5	4.3	16.0	4.0	6.8	5.6	27.0	-
3599	Miscellaneous machinery and parts (except electrical).....	11	100.0	.5	31.3	4.5	4.3	16.0	4.0	6.8	5.6	27.0	-
36	Electrical machinery and equipment.....	828	100.0	4.1	8.2	21.0	11.2	12.0	3.9	8.4	5.0	26.2	-
361	Electrical transmission and distribution equipment.....	275	100.0	5.6	4.1	16.8	15.8	17.9	3.2	12.9	2.6	21.1	-
3611	Electrical measuring instruments and test equipment.....	2	100.0	1.4	5.8	15.1	6.7	4.8	8.3	25.8	6.7	25.4	-
3613	Switchgear and switchboard apparatus...	88	100.0	2.2	4.1	10.4	11.5	6.0	4.1	22.7	4.3	34.7	-
362	Electrical industrial apparatus.....	186	100.0	2.4	11.6	27.5	9.7	6.4	5.1	5.6	3.6	28.1	-
3622	Industrial controls and parts.....	22	100.0	1.5	3.9	11.6	2.6	16.9	2.1	6.7	6.5	48.2	-
3629	Miscellaneous electrical industrial apparatus.....	2	100.0	1.1	2.9	31.3	6.4	9.2	34.4	2.4	.9	11.4	-
364	Electric lighting and wiring equipment	206	100.0	4.4	9.2	12.2	9.0	11.3	4.0	6.0	8.8	35.1	-
3642	Lighting fixtures.....	67	100.0	9.1	7.8	16.8	6.0	14.7	2.6	3.4	5.1	34.5	-
3644	Noncurrent carrying wiring devices.....	58	100.0	4.4	16.8	7.7	6.0	13.1	8.5	6.1	17.8	19.6	-
367	Electronic components or accessories...	38	100.0	.6	6.3	56.3	4.4	3.5	5.1	1.6	.6	21.6	-
37	Transportation equipment.....	701	100.0	2.1	12.7	19.2	20.4	14.4	5.5	9.1	1.1	15.5	-
371	Motor vehicles and motor vehicle equipment.....	202	100.0	3.9	12.2	29.1	7.3	18.4	3.4	9.8	2.3	13.6	-
3714	Motor vehicle parts and accessories....	130	100.0	1.0	13.4	32.8	8.0	23.8	-	6.1	-	14.9	-
372	Aircraft and parts.....	20	100.0	3.3	4.4	15.4	.6	63.5	.2	.6	.3	11.7	-
3722	Aircraft and missile engines and parts.	18	100.0	3.7	3.1	17.1	.5	70.9	-	.3	.2	4.2	-
373	Ships and boats.....	13	100.0	11.1	6.6	7.8	2.9	11.3	3.1	11.5	.4	45.3	-
3732	Ships and boats.....	13	100.0	11.1	6.6	7.8	2.9	11.3	3.1	11.5	.4	45.3	-
374	Railroad equipment.....	394	100.0	.3	13.6	17.6	31.5	10.8	7.2	9.7	.6	8.7	-
3742	Railroad and street cars.....	358	100.0	.4	10.5	19.3	34.5	6.6	7.9	10.7	.7	9.4	-
382	Measuring, controlling, and indicating instruments.....	17	100.0	.6	2.9	23.7	8.1	2.6	1.8	6.7	14.7	38.9	-
39	Miscellaneous products of manufacturing	166	100.0	7.7	6.3	9.4	3.6	17.4	4.8	7.9	.8	42.1	-
399	Miscellaneous manufactured products....	126	100.0	8.3	3.8	4.5	2.3	20.4	5.5	7.9	.3	47.0	-
3999	Manufactured products, n.e.c.....	15	100.0	10.0	9.8	3.7	3.3	27.3	3.3	38.6	-	4.0	-

¹For States included in the geographic divisions, see map on inside cover.²Shipments to Alaska and Hawaii from the 48 conterminous States and the District of Columbia are included; no data were obtained for shipments originating in Alaska and Hawaii.³Code letter indicates a sampling variability range as follows: a, 0-9 percent; b, 10-19 percent; c, 20-29 percent; and d, 30-50 percent. The variability for ton-miles has not been estimated.

TEXAS

SUMMARY

The estimates of tons and ton-miles are based on reports from a sample of manufacturing establishments located in the State of Texas. The total tons and ton-miles represent the total intercity shipments by essentially all manufacturing establishments in the State, except for plants with less than 20 employees. However, since the data are based on a sample, the estimates necessarily are subject to "sampling variability."

The approximate degree of sampling variability for tons for each commodity or commodity class is indicated in the last column of tables 1 to 3. In general, most of the commodity data in this report are subject to substantial sampling variability and should be treated as approximate rather than precise measures.

About 206 million tons of commodities were shipped by plants in this area to destinations beyond the local area. These shipments generated 199 billion ton-miles by all means of transport combined.

Table B indicates that 55.7 percent of the tons moved 1,000 miles or more and that mileage block accounts for 82 percent of the ton-miles.

Water is the dominant means of transport for all commodities accounting for 74 percent of the total tons, but when petroleum and coal products are excluded, rail becomes dominant accounting for 40 percent. When measured in terms of ton-miles rather than tons, water is dominant accounting for 90 percent; excluding petroleum and coal products, rail is dominant accounting for 49 percent.

As shown in tables A and B, petroleum and coal products have a marked influence on the distribution of shipments as a result of their large volume and unusual traffic pattern. Consequently, two totals are shown: (1) All commodities combined, and (2) the total exclusive of petroleum and coal products. The influence of these products is most evident in connection with shipments by water, as measured by both tons and ton-miles.

As shown in table C, 42 percent of the total tons shipped by plants in Texas remained in the South and slightly more than 47 percent was shipped to the Northeast Region. This table also shows that, for petroleum and coal products, about 31 percent remained in the South while 60 percent was shipped to the Northeast.

Table A. PERCENT DISTRIBUTION OF SHIPMENTS, AND AVERAGE LENGTH OF HAUL, BY MEANS OF TRANSPORT

Means of transport	Tons	Ton-miles	Average length of haul
	(thousands)	(millions)	(miles)
All commodities.....	206,017	198,678	-
All commodities except petroleum and coal products.....	50,272	22,478	-
	Percent distribution		
ALL COMMODITIES			
All means of transport.....	100.0	100.0	-
Rail.....	11.7	6.6	544
Motor carrier.....	8.4	2.4	276
Private truck.....	6.0	1.3	209
Air.....	-	-	-
Water.....	73.8	89.7	-
All other.....	.1	-	-
ALL COMMODITIES EXCEPT PETROLEUM AND COAL PRODUCTS			
All means of transport.....	100.0	100.0	-
Rail.....	39.9	49.0	548
Motor carrier.....	23.9	17.3	324
Private truck.....	19.9	9.9	223
Air.....	-	-	-
Water.....	15.9	23.8	-
All other.....	.4	-	-

Note: Average length of haul is based on straight-line miles from plant to customer or primary redistribution point, weighted by tonnage shipped (i.e., ton-miles divided by tons). Rail short-line and highway direct-route distances average about 24 and 21 percent, respectively, longer than straight-line distances.

Table B. PERCENT DISTRIBUTION OF SHIPMENTS BY DISTANCE OF SHIPMENT

Distance shipped	Tons	Ton-miles
ALL COMMODITIES		
All distances.....	100.0	100.0
Under 100 miles.....	8.6	.5
100 to 199 miles.....	8.0	1.3
200 to 299 miles.....	7.1	1.8
300 to 499 miles.....	4.9	2.0
500 to 999 miles.....	15.7	12.5
1,000 to 1,499 miles.....	39.1	54.6
1,500 miles and over.....	16.6	27.3
ALL COMMODITIES EXCEPT PETROLEUM AND COAL PRODUCTS		
All distances.....	100.0	100.0
Under 100 miles.....	21.6	2.9
100 to 199 miles.....	18.5	6.0
200 to 299 miles.....	17.0	8.9
300 to 499 miles.....	11.1	9.8
500 to 999 miles.....	17.3	27.4
1,000 to 1,499 miles.....	11.2	31.8
1,500 miles and over.....	3.3	13.2

Table C. PERCENT DISTRIBUTION OF TONS OF COMMODITIES BY REGION OF DESTINATION

TCC code	Commodity class	Tons (thousands)	Percent distribution by region ¹ of destination				
			All destinations	North-east	North Central	South	West
	Total.....	² 206,017	100.0	47.3	5.3	42.0	5.4
20	Food and kindred products.....	10,036	100.0	1.6	4.1	91.1	3.2
23	Apparel, including knit apparel, and other finished textile products.....	106	100.0	8.1	20.2	57.5	14.2
25	Furniture and fixtures.....	127	100.0	3.7	17.7	54.6	24.0
26	Pulp, paper, and allied products.....	1,130	100.0	3.6	14.6	80.0	1.8
28	Chemicals and allied products.....	19,993	100.0	16.4	15.9	63.6	4.1
29	Petroleum and coal products.....	155,745	100.0	60.0	3.4	31.3	5.3
30	Rubber and miscellaneous plastics products.....	368	100.0	15.3	31.2	36.1	17.4
32	Stone, clay, and glass products.....	7,836	100.0	.4	4.0	86.3	9.3
33	Primary metal products.....	4,632	100.0	3.5	20.5	65.8	10.2
34	Fabricated metal products.....	1,965	100.0	3.2	7.6	83.9	5.3
35	Machinery, except electrical.....	925	100.0	6.7	12.0	67.4	13.9
37	Transportation equipment.....	370	100.0	1.4	6.6	87.3	4.7

¹See map on inside cover for areas included in the regions of the United States.

²Total includes commodities not shown separately.

TABLE 1. Percent Distribution of Commodities, by Means of Transport: 1967

TCC code	Commodity	Number	Percent distribution by means of transport								Sampling variability code ¹
			All means of transport	Rail	Motor carrier	Private truck	Air	Water	Other	Unknown	
	TONS OF SHIPMENTS	(thousands of tons)									
	Texas, total.....	206,017	100.0	11.7	8.4	6.0	-	73.8	0.1	-	-
20	Food and kindred products.....	10,036	100.0	51.4	11.2	36.4	-	.5	-	0.5	c
201	Meat, poultry, and small game; fresh, chilled or frozen.....	907	100.0	7.0	19.1	73.8	-	.1	-	-	c
2011	Meat, fresh or chilled, not salted.....	241	100.0	.3	27.2	72.5	-	-	-	-	c
203	Canned and preserved fruits, vegetables, and seafoods.....	445	100.0	16.1	27.3	56.4	0.2	-	-	-	d
2033	Canned fruits and vegetables.....	126	100.0	-	10.0	90.0	-	-	-	-	d
207	Confectionery and related products.....	95	100.0	.7	99.1	.2	-	-	-	-	d
2071	Confectionery and related products.....	95	100.0	.7	99.1	.2	-	-	-	-	d
208	Beverages and flavoring extracts.....	1,867	100.0	42.1	3.3	54.1	-	-	-	.5	d
2082	Malt liquors.....	1,298	100.0	60.6	1.9	37.5	-	-	-	-	d
23	Apparel, including knit apparel, and other finished textile products.....	106	100.0	.2	66.2	23.8	-	-	9.7	.1	d
25	Furniture and fixtures.....	127	100.0	3.0	20.8	76.2	-	-	-	-	d
251	Household and office furniture.....	105	100.0	3.6	23.6	72.7	-	-	.1	-	d
26	Pulp, paper, and allied products.....	1,130	100.0	50.7	20.7	28.6	-	-	-	-	b
264	Converted paper and paperboard products (except containers and boxes).....	124	100.0	5.0	78.6	16.2	.1	-	.1	-	d
265	Containers, boxes and related products, paperboard, fiberboard, and pulpboard.....	401	100.0	10.8	22.4	66.8	-	-	-	-	d
2651	Containers, boxes, baskets, pallets and skids, paperboard, fiberboard, and pulpboard.....	380	100.0	10.8	21.6	67.6	-	-	-	-	d
28	Chemicals and allied products.....	19,993	100.0	41.7	17.5	6.0	-	34.2	.6	-	a
281	Industrial chemicals.....	11,585	100.0	39.3	11.9	3.6	-	44.2	1.0	-	b
2812	Basic inorganic chemical compounds (including chlorine, potassium, and sodium compounds).....	1,476	100.0	45.5	13.6	1.2	-	39.7	-	-	d
2813	Industrial gases, compressed and liquefied.....	464	100.0	15.0	55.9	25.9	-	-	3.2	-	c
2814	Crude products from coal tar, petroleum, and natural gas, except asphalt, tar, and pitches.....	1,602	100.0	12.9	8.0	-	-	76.7	2.4	-	d
2818	Miscellaneous industrial organic chemicals.....	4,951	100.0	46.3	9.4	.7	-	42.4	1.2	-	c
2819	Miscellaneous industrial inorganic chemicals.....	2,684	100.0	47.0	11.3	9.2	-	32.5	-	-	c
282	Plastic materials and plasticizers, synthetic resins, rubbers, and fibers.....	3,146	100.0	57.3	12.6	1.0	-	28.9	.1	.1	c
2821	Plastic materials and plasticizers, synthetic resins, rubbers, and fibers.....	3,146	100.0	57.3	12.6	1.0	-	28.9	.1	.1	c
284	Soap and detergents, cleaning preparations, perfumes, cosmetics, and other toilet preparations.....	327	100.0	29.8	55.9	13.6	-	.7	-	-	c
285	Paints, varnishes, lacquers, enamels, and allied products.....	553	100.0	24.8	56.2	18.9	-	-	.1	-	d
2851	Paints, varnishes, lacquers, enamels, and allied products.....	553	100.0	24.8	56.2	18.9	-	-	.1	-	d
287	Agricultural chemicals.....	2,712	100.0	29.1	29.8	20.7	-	20.4	-	-	d
2871	Fertilizers.....	2,444	100.0	29.6	31.7	16.1	-	22.6	-	-	d
289	Miscellaneous chemical products.....	1,643	100.0	57.8	24.9	2.0	-	15.2	-	.1	b
2899	Chemical products, n.e.c.....	1,630	100.0	58.2	24.3	2.0	-	15.4	-	.1	b

See footnote at end of table.

TABLE 1. Percent Distribution of Commodities, by Means of Transport: 1967--Continued

TCC code	Commodity	Number	Percent distribution by means of transport								Sampling variability code
			All means of transport	Rail	Motor carrier	Private truck	Air	Water	Other	Unknown	
	TONS OF SHIPMENTS--Continued	(thousands of tons)									
29	Petroleum and coal products.....	155,745	100.0	2.6	3.4	1.5	-	92.5	-	-	b
291	Products of petroleum refining.....	153,767	100.0	1.8	3.4	1.2	-	93.6	-	-	b
2911	Products of petroleum refining (except liquefied petroleum gases and petroleum coke and breeze).....	152,741	100.0	1.4	3.2	1.2	-	94.2	-	-	b
2912	Liquefied petroleum and coal gases.....	1,026	100.0	58.3	22.2	12.5	-	7.0	-	-	a
295	Paving and roofing materials.....	844	100.0	42.2	13.7	44.1	-	-	-	-	d
2952	Asphalt felt and coatings.....	779	100.0	45.6	12.9	41.5	-	-	-	-	d
299	Miscellaneous petroleum and coal products.....	1,134	100.0	81.6	5.5	2.0	-	10.9	-	-	c
2991	Miscellaneous petroleum and coal products.....	1,134	100.0	81.6	5.5	2.0	-	10.9	-	-	c
30	Rubber and miscellaneous plastics products.....	368	100.0	32.4	52.4	14.9	0.1	.1	0.1	-	d
301	Tires and inner tubes.....	237	100.0	44.9	37.0	18.1	-	-	-	-	d
3011	Tires and inner tubes.....	237	100.0	44.9	37.0	18.1	-	-	-	-	d
32	Stone, clay, and glass products.....	7,836	100.0	27.7	48.6	22.7	-	1.0	-	-	c
325	Structural clay products.....	1,356	100.0	36.7	.6	62.7	-	-	-	-	d
3251	Brick and structural clay tile.....	1,245	100.0	39.7	-	60.3	-	-	-	-	d
3253	Ceramic wall and floor tile.....	105	100.0	3.3	7.7	88.8	-	-	.2	-	d
327	Concrete, gypsum, plaster, and plaster products.....	2,168	100.0	32.5	56.0	11.5	-	-	-	-	d
33	Primary metal products.....	4,632	100.0	42.0	21.4	20.2	-	16.2	.2	-	b
331	Steel works and rolling mill products..	2,708	100.0	30.5	22.9	21.3	-	25.3	-	-	c
3312	Primary iron and steel products (except coke-oven products).....	2,355	100.0	29.6	24.2	17.1	-	29.1	-	-	d
332	Iron and steel castings.....	316	100.0	1.5	18.6	79.2	-	.4	-	0.3	a
3321	Iron and steel castings.....	316	100.0	1.5	18.6	79.2	-	.4	-	.3	a
333	Nonferrous metals primary smelter products (slab, ingot, pig, etc., and residues).....	1,288	100.0	83.3	8.8	2.6	-	4.7	.6	-	b
34	Fabricated metal products.....	1,965	100.0	17.6	29.8	44.5	.1	7.9	.1	-	c
341	Metal cans.....	148	100.0	16.8	38.5	44.5	-	-	-	.2	b
3411	Metal cans.....	148	100.0	16.8	38.5	44.5	-	-	-	.2	b
344	Structural and miscellaneous metal products.....	1,187	100.0	22.8	24.1	40.2	-	12.8	.1	-	d
35	Machinery, except electrical.....	925	100.0	12.2	60.6	25.3	.2	.1	.3	1.3	c
353	Construction, mining, and materials handling machinery and equipment.....	342	100.0	14.7	55.6	25.7	.4	.1	.1	3.4	b
3531	Construction machinery and equipment...	66	100.0	47.3	10.4	41.9	-	-	.1	.3	d
3533	Oil field machinery and equipment.....	249	100.0	7.7	70.1	16.7	.5	.2	.1	4.7	b
366	Communication equipment.....	7	100.0	2.1	72.7	.9	21.6	-	2.7	-	d
367	Electronic components or accessories...	2	100.0	2.9	33.6	1.2	47.1	-	15.2	-	b
37	Transportation equipment.....	370	100.0	26.7	59.7	13.3	.2	-	.1	-	b
371	Motor vehicles and motor vehicle equipment.....	307	100.0	31.4	66.1	2.5	-	-	-	-	b
372	Aircraft and parts.....	9	100.0	-	75.5	11.5	10.6	-	2.4	-	c
3729	Aircraft parts and equipment, n.e.c....	5	100.0	.1	64.4	19.5	14.7	-	1.3	-	d

See footnote at end of table.

TABLE 1. Percent Distribution of Commodities, by Means of Transport: 1967--Continued

TCC code	Commodity	Number	Percent distribution by means of transport								Sampling variability code ¹
			All means of transport	Rail	Motor carrier	Private truck	Air	Water	Other	Unknown	
	TON-MILES OF SHIPMENTS	(millions of ton-miles)									
	Texas, total.....	198,678	100.0	6.6	2.4	1.3	-	89.7	-	-	-
20	Food and kindred products.....	2,858	100.0	51.7	22.5	22.6	-	2.5	-	0.7	-
201	Meat, poultry, and small game; fresh, chilled or frozen.....	351	100.0	13.0	41.4	45.3	-	.3	-	-	-
2011	Meat, fresh or chilled, not salted.....	70	100.0	.8	68.7	30.5	-	-	-	-	-
203	Canned and preserved fruits, vegetables, and seafoods.....	206	100.0	14.2	31.7	53.8	0.1	.2	-	-	-
2033	Canned fruits and vegetables.....	63	100.0	.1	7.3	92.6	-	-	-	-	-
207	Confectionery and related products.....	56	100.0	1.2	98.8	-	-	-	-	-	-
2071	Confectionery and related products.....	56	100.0	1.2	98.8	-	-	-	-	-	-
208	Beverages and flavoring extracts.....	400	100.0	51.4	4.2	41.5	-	-	-	2.9	-
2082	Malt liquors.....	301	100.0	68.2	1.5	30.3	-	-	-	-	-
23	Apparel, including knit apparel, and other finished textile products.....	67	100.0	.3	65.4	19.7	.1	.3	14.1	.1	-
25	Furniture and fixtures.....	62	100.0	3.2	24.3	72.4	-	-	.1	-	-
251	Household and office furnitures.....	47	100.0	4.3	28.9	66.7	-	-	.1	-	-
26	Pulp, paper, and allied products.....	403	100.0	63.8	22.4	13.8	-	-	-	-	-
264	Converted paper and paperboard products (except containers and boxes).....	58	100.0	6.3	78.5	14.7	.3	-	.2	-	-
265	Containers, boxes and related products, paperboard, fiberboard, and pulpboard.	76	100.0	13.4	33.3	53.3	-	-	-	-	-
2651	Containers, boxes, baskets, pallets and skids, paperboard, fiberboard, and pulpboard.....	64	100.0	15.5	34.3	50.2	-	-	-	-	-
28	Chemicals and allied products.....	12,323	100.0	48.9	9.6	1.8	-	39.6	.1	-	-
281	Industrial chemicals.....	6,474	100.0	47.9	5.7	.8	-	45.4	.2	-	-
2812	Basic inorganic chemical compounds (including chlorine, potassium, and sodium compounds).....	454	100.0	53.4	11.0	1.5	-	34.1	-	-	-
2813	Industrial gases, compressed and liquefied.....	70	100.0	58.5	19.4	21.6	-	-	.5	-	-
2814	Crude products from coal tar, petroleum, and natural gas, except asphalt, tar, and pitches.....	506	100.0	16.2	8.1	-	-	74.0	1.7	-	-
2818	Miscellaneous industrial organic chemicals.....	4,412	100.0	48.4	4.8	.4	-	46.3	.1	-	-
2819	Miscellaneous industrial inorganic chemicals.....	732	100.0	74.4	5.8	1.7	-	18.1	-	-	-
282	Plastic materials and plasticizers, synthetic resins, rubbers, and fibers.	3,326	100.0	50.4	8.0	.6	-	40.8	.1	.1	-
2821	Plastic materials and plasticizers, synthetic resins, rubbers, and fibers.	3,326	100.0	50.4	8.0	.6	-	40.8	.1	.1	-
284	Soap and detergents, cleaning preparations, perfumes, cosmetics, and other toilet preparations.....	95	100.0	32.8	52.5	11.2	-	3.4	.1	-	-
285	Paints, varnishes, lacquers, enamels, and allied products.....	219	100.0	39.3	46.7	14.0	-	-	-	-	-
2851	Paints, varnishes, lacquers, enamels, and allied products.....	219	100.0	39.3	46.7	14.0	-	-	-	-	-
287	Agricultural chemicals.....	979	100.0	28.4	17.2	10.4	-	44.0	-	-	-
2871	Fertilizers.....	855	100.0	25.6	16.8	7.2	-	50.4	-	-	-
289	Miscellaneous chemical products.....	1,212	100.0	68.5	19.0	.4	-	11.8	.1	.2	-
2899	Chemical products, n.e.c.....	1,210	100.0	68.7	18.8	.4	-	11.8	.1	.2	-

See footnote at end of table.

TABLE 1. Percent Distribution of Commodities, by Means of Transport: 1967--Continued

TCC code	Commodity	Number	Percent distribution by means of transport								Sampling variability code ¹
			All means of transport	Rail	Motor carrier	Private truck	Air	Water	Other	Unknown	
	TON-MILES OF SHIPMENTS--Continued	(millions of ton-miles)									
29	Petroleum and coal products.....	176,200	100.0	1.2	0.5	0.2	-	98.1	-	-	-
291	Products of petroleum refining.....	175,386	100.0	.9	.5	.2	-	98.4	-	-	-
2911	Products of petroleum refining (except liquefied petroleum gases and petroleum coke and breeze).....	175,013	100.0	.7	.4	.2	-	98.7	-	-	-
2912	Liquefied petroleum and coal gases.....	372	100.0	89.2	6.1	2.4	-	2.3	-	-	-
295	Paving and roofing materials.....	296	100.0	65.1	9.8	25.1	-	-	-	-	-
2952	Asphalt felt and coatings.....	286	100.0	67.5	9.1	23.4	-	-	-	-	-
299	Miscellaneous petroleum and coal products.....	519	100.0	73.0	3.0	.3	-	23.6	-	0.1	-
2991	Miscellaneous petroleum and coal products.....	519	100.0	73.0	3.0	.3	-	23.6	-	.1	-
30	Rubber and miscellaneous plastics products.....	310	100.0	34.4	52.8	12.7	0.1	-	-	-	-
301	Tires and inner tubes.....	192	100.0	48.7	34.2	17.1	-	-	-	-	-
3011	Tires and inner tubes.....	192	100.0	48.7	34.2	17.1	-	-	-	-	-
32	Stone, clay, and glass products.....	1,723	100.0	43.3	36.6	18.8	-	1.3	-	-	-
325	Structural clay products.....	385	100.0	58.4	.7	40.9	-	-	-	-	-
3251	Brick and structural clay tile.....	332	100.0	66.1	.1	33.8	-	-	-	-	-
3253	Ceramic wall and floor tile.....	52	100.0	10.1	4.7	85.2	-	-	-	-	-
327	Concrete, gypsum, plaster, and plaster products.....	546	100.0	45.7	49.8	4.5	-	-	-	-	-
33	Primary metal products.....	2,548	100.0	62.1	12.7	14.5	-	10.3	0.4	-	-
331	Steel works and rolling mill products..	1,001	100.0	44.3	17.9	20.4	-	17.4	-	-	-
3312	Primary iron and steel products (except coke-oven products).....	878	100.0	41.8	18.8	19.6	-	19.8	-	-	-
332	Iron and steel castings.....	154	100.0	2.6	16.4	77.1	-	3.5	-	.4	-
3321	Iron and steel castings.....	154	100.0	2.6	16.4	77.1	-	3.5	-	.4	-
333	Nonferrous metals primary smelter products (slab, ingot, pig, etc., and residues).....	1,230	100.0	88.5	3.2	.7	-	6.8	.8	-	-
34	Fabricated metal products.....	757	100.0	28.4	28.5	36.2	.3	6.5	.1	-	-
341	Metal cans.....	39	100.0	38.4	22.5	38.6	-	-	-	.5	-
3411	Metal cans.....	39	100.0	38.4	22.5	38.6	-	-	-	.5	-
344	Structural and miscellaneous metal products.....	492	100.0	33.4	17.6	39.4	-	9.4	.2	-	-
35	Machinery, except electrical.....	573	100.0	22.5	58.0	17.6	.4	.2	.3	1.0	-
353	Construction, mining, and materials handling machinery and equipment.....	241	100.0	25.7	51.5	19.7	.5	.1	.1	2.4	-
3531	Construction machinery and equipment...	54	100.0	61.0	2.4	36.2	-	-	-	.4	-
3533	Oil field machinery and equipment.....	169	100.0	17.1	69.4	9.3	.6	.2	.1	3.3	-
366	Communication equipment.....	6	100.0	1.9	68.1	.4	26.2	-	3.4	-	-
367	Electronic components or accessories...	2	100.0	1.9	36.3	-	47.3	-	14.5	-	-
37	Transportation equipment.....	126	100.0	38.8	46.7	13.7	.7	-	.1	-	-
371	Motor vehicles and motor vehicle equipment.....	96	100.0	48.0	50.1	1.9	-	-	-	-	-
372	Aircraft and parts.....	9	100.0	-	88.4	.3	10.3	-	1.0	-	-
3729	Aircraft parts and equipment, n.e.c....	5	100.0	.1	82.8	.6	15.5	-	1.0	-	-

¹Code letter indicates a sampling variability range as follows: a, 0-9 percent; b, 10-19 percent; c, 20-29 percent; and d, 30-50 percent. The variability for ton-miles has not been estimated.

TABLE 2. Percent Distribution of Commodities, by Distance of Shipment: 1967

TCC code	Commodity	Number	Percent distribution by distance of shipment								Sampling variability code ¹
			All distances	Under 100 miles	100 to 199 miles	200 to 299 miles	300 to 499 miles	500 to 999 miles	1,000 to 1,499 miles	1,500 miles or over	
	TONS OF SHIPMENTS	(thousands of tons)									
	Texas, total.....	206,017	100.0	8.6	8.0	7.1	4.9	15.7	39.1	16.6	-
20	Food and kindred products.....	10,036	100.0	22.2	21.4	30.4	14.7	6.7	3.9	.7	c
201	Meat, poultry, and small game; fresh, chilled or frozen.....	907	100.0	29.5	18.1	20.0	6.7	12.5	11.5	1.7	c
2011	Meat, fresh or chilled, not salted.....	241	100.0	43.5	10.7	19.2	9.7	5.0	9.3	2.6	c
203	Canned and preserved fruits, vegetables, and seafoods.....	445	100.0	6.6	14.3	23.7	25.4	19.2	7.9	2.9	d
2033	Canned fruits and vegetables.....	126	100.0	1.6	8.8	29.2	29.0	18.7	11.4	1.3	d
207	Confectionery and related products.....	95	100.0	4.8	7.2	25.5	13.6	30.6	15.5	2.8	d
2071	Confectionery and related products.....	95	100.0	4.8	7.2	25.5	13.6	30.6	15.5	2.8	d
208	Beverages and flavoring extracts.....	1,867	100.0	22.9	28.6	31.4	11.2	5.0	.8	.1	d
2082	Malt liquors.....	1,298	100.0	9.8	36.8	34.6	13.2	5.1	.3	.2	d
23	Apparel, including knit apparel, and other finished textile products.....	106	100.0	17.3	6.0	13.0	5.4	36.1	19.7	2.5	d
25	Furniture and fixtures.....	127	100.0	13.1	11.1	14.3	18.4	31.4	11.4	.3	d
251	Household and office furniture.....	105	100.0	14.6	13.3	15.3	16.5	33.5	6.6	.2	d
26	Pulp, paper, and allied products.....	1,130	100.0	17.1	27.6	16.7	15.2	17.8	5.5	.1	b
264	Converted paper and paperboard products (except containers and boxes).....	124	100.0	8.5	10.6	27.1	13.6	30.0	9.9	.3	d
265	Containers, boxes and related products, paperboard, fiberboard, and pulpboard.....	401	100.0	36.2	30.3	21.5	6.8	4.9	.3	-	d
2651	Containers, boxes, baskets, pallets and skids, paperboard, fiberboard, and pulpboard.....	380	100.0	37.8	31.4	21.9	7.0	1.9	-	-	d
28	Chemicals and allied products.....	19,993	100.0	20.4	13.3	8.4	7.4	23.6	19.9	7.0	a
281	Industrial chemicals.....	11,585	100.0	23.8	16.3	7.6	5.7	22.2	21.7	2.7	b
2812	Basic inorganic chemical compounds (including chlorine, potassium, and sodium compounds).....	1,476	100.0	21.0	32.2	19.7	8.2	12.7	6.1	.1	d
2813	Industrial gases, compressed and liquefied.....	464	100.0	73.1	5.2	7.3	4.6	9.8	-	-	c
2814	Crude products from coal tar, petroleum, and natural gas, except asphalt, tar, and pitches.....	1,602	100.0	24.8	25.4	9.8	12.4	25.3	2.2	.1	d
2818	Miscellaneous industrial organic chemicals.....	4,951	100.0	7.7	9.6	3.4	5.1	22.9	47.3	4.0	c
2819	Miscellaneous industrial inorganic chemicals.....	2,684	100.0	49.3	18.8	8.5	2.1	16.8	1.1	3.4	c
282	Plastic materials and plasticizers, synthetic resins, rubbers, and fibers.....	3,146	100.0	8.2	1.5	3.8	3.4	21.2	29.1	32.8	c
2821	Plastic materials and plasticizers, synthetic resins, rubbers, and fibers.....	3,146	100.0	8.2	1.5	3.8	3.4	21.2	29.1	32.8	c
284	Soap and detergents, cleaning preparations, perfumes, cosmetics, and other toilet preparations.....	327	100.0	23.0	14.7	30.3	18.0	11.4	2.6	-	c
285	Paints, varnishes, lacquers, enamels, and allied products.....	553	100.0	11.7	15.1	26.5	16.4	24.6	4.9	.8	d
2851	Paints, varnishes, lacquers, enamels, and allied products.....	553	100.0	11.7	15.1	26.5	16.4	24.6	4.9	.8	d
287	Agricultural chemicals.....	2,712	100.0	26.5	19.3	11.2	13.3	26.0	3.7	-	d
2871	Fertilizers.....	2,444	100.0	27.2	20.3	10.4	13.3	25.4	3.4	-	d
289	Miscellaneous chemical products.....	1,643	100.0	11.8	4.1	7.5	11.7	36.9	24.5	3.5	r
2899	Chemical products, n.e.c.....	1,630	100.0	11.8	4.0	7.0	11.7	37.3	24.7	3.5	c

See footnote at end of table.

TABLE 2. Percent Distribution of Commodities, by Distance of Shipment: 1967--Continued

TCC code	Commodity	Number	Percent distribution by distance of shipment								Sampling variability code
			All distances	Under 100 miles	100 to 199 miles	200 to 299 miles	300 to 499 miles	500 to 999 miles	1,000 to 1,499 miles	1,500 miles or over	
	TONS OF SHIPMENTS--Continued	(thousands of tons)									
29	Petroleum and coal products.....	155,745	100.0	4.4	4.6	3.9	2.9	15.2	48.1	20.9	b
291	Products of petroleum refining.....	153,767	100.0	4.2	4.4	3.8	2.8	15.2	48.5	21.1	b
2911	Products of petroleum refining (except liquefied petroleum gases and petroleum coke and breeze).....	152,741	100.0	4.0	4.3	3.7	2.8	15.1	48.9	21.2	b
2912	Liquefied petroleum and coal gases.....	1,026	100.0	34.9	18.3	13.8	1.8	21.8	9.0	.4	a
295	Paving and roofing materials.....	844	100.0	13.4	25.6	23.0	17.5	15.5	4.3	.7	d
2952	Asphalt felt and coatings.....	779	100.0	12.5	23.3	23.2	18.9	16.7	4.7	.7	d
299	Miscellaneous petroleum and coal products.....	1,134	100.0	25.1	17.3	11.7	4.4	25.8	14.9	.8	c
2991	Miscellaneous petroleum and coal products.....	1,134	100.0	25.1	17.3	11.7	4.4	25.8	14.9	.8	c
30	Rubber and miscellaneous plastics products.....	368	100.0	1.9	7.2	2.6	10.2	41.9	33.1	3.1	d
301	Tires and inner tubes.....	237	100.0	1.8	10.1	1.4	10.4	42.3	32.3	1.7	d
3011	Tires and inner tubes.....	237	100.0	1.8	10.1	1.4	10.4	42.3	32.3	1.7	d
32	Stone, clay, and glass products.....	7,836	100.0	28.6	32.8	16.9	13.0	7.2	1.3	.2	c
325	Structural clay products.....	1,356	100.0	18.3	31.4	18.4	16.2	13.6	2.0	.1	d
3251	Brick and structural clay tile.....	1,245	100.0	18.9	32.2	19.0	16.4	12.3	1.2	-	d
3253	Ceramic wall and floor tile.....	105	100.0	10.6	18.7	13.1	14.4	30.5	11.5	1.2	d
327	Concrete, gypsum, plaster, and plaster products.....	2,168	100.0	19.0	30.6	20.0	19.6	10.4	.4	-	d
33	Primary metal products.....	4,632	100.0	6.0	10.1	27.5	13.7	27.9	11.4	3.4	b
331	Steel works and rolling mill products..	2,708	100.0	5.5	11.0	42.2	19.0	18.7	3.6	-	c
3312	Primary iron and steel products (except coke-oven products).....	2,355	100.0	2.8	10.9	46.1	17.9	18.5	3.8	-	d
332	Iron and steel castings.....	316	100.0	10.1	23.6	14.8	8.3	37.9	2.7	2.6	a
3321	Iron and steel castings.....	316	100.0	10.1	23.6	14.8	8.3	37.9	2.7	2.6	a
333	Nonferrous metals primary smelter products (slab, ingot, pig, etc., and residues).....	1,288	100.0	2.6	4.4	3.4	4.2	45.1	28.9	11.4	b
34	Fabricated metal products.....	1,965	100.0	21.5	18.0	16.3	16.6	20.3	5.8	1.5	c
341	Metal cans.....	148	100.0	28.3	31.1	17.2	12.3	5.5	4.0	1.6	b
3411	Metal cans.....	148	100.0	28.3	31.1	17.2	12.3	5.5	4.0	1.6	b
344	Structural and miscellaneous metal products.....	1,187	100.0	12.6	20.8	20.2	16.9	21.4	7.2	.9	d
35	Machinery, except electrical.....	925	100.0	3.2	17.5	16.8	18.6	19.2	19.3	5.4	c
353	Construction, mining, and materials handling machinery and equipment.....	342	100.0	3.4	11.9	13.5	20.6	19.3	24.7	6.6	b
3531	Construction machinery and equipment...	66	100.0	1.3	12.9	3.2	6.3	24.9	50.8	.6	d
3533	Oil field machinery and equipment.....	249	100.0	3.6	12.6	16.3	24.8	15.5	18.4	8.8	b
366	Communication equipment.....	7	100.0	10.7	.4	.9	11.6	37.5	36.8	2.1	d
367	Electronic components or accessories...	2	100.0	1.2	.1	.8	1.0	19.2	68.3	9.4	b
37	Transportation equipment.....	370	100.0	18.3	15.7	28.4	19.5	12.1	5.6	.4	b
371	Motor vehicles and motor vehicle equipment.....	307	100.0	13.6	16.6	32.6	22.1	13.0	2.1	-	b
372	Aircraft and parts.....	9	100.0	12.2	.8	7.3	.1	6.8	72.7	.1	c
3729	Aircraft parts and equipment, n.e.c....	5	100.0	20.5	1.4	.2	.2	11.2	66.4	.1	d

See footnote at end of table.

TABLE 2. Percent Distribution of Commodities, by Distance of Shipment: 1967--Continued

TCC code	Commodity	Number	Percent distribution by distance of shipment								Sampling variability code ¹
			All distances	Under 100 miles	100 to 199 miles	200 to 299 miles	300 to 499 miles	500 to 999 miles	1,000 to 1,499 miles	1,500 miles or over	
	TON-MILES OF SHIPMENTS	(millions of ton-miles)									
	Texas, total.....	198,678	100.0	0.5	1.3	1.8	2.0	12.5	54.6	27.3	-
20	Food and kindred products.....	2,858	100.0	4.4	11.3	26.3	19.8	16.1	18.0	4.1	-
201	Meat, poultry, and small game; fresh, chilled or frozen.....	351	100.0	4.1	6.5	13.3	7.4	23.3	38.4	7.0	-
2011	Meat, fresh or chilled, not salted.....	70	100.0	6.7	5.1	15.2	13.6	9.5	36.1	13.8	-
203	Canned and preserved fruits, vegetables, and seafoods.....	206	100.0	.7	5.4	12.9	21.0	27.3	22.2	10.5	-
2033	Canned fruits and vegetables.....	63	100.0	.2	2.9	13.9	23.5	25.0	30.2	4.3	-
207	Confectionery and related products.....	56	100.0	.5	2.0	10.4	9.4	37.9	31.8	8.0	-
2071	Confectionery and related products.....	56	100.0	.5	2.0	10.4	9.4	37.9	31.8	8.0	-
208	Beverages and flavoring extracts.....	400	100.0	5.5	21.1	35.7	18.8	13.3	4.5	1.1	-
2082	Malt liquors.....	301	100.0	2.7	25.2	35.9	20.3	12.6	1.8	1.5	-
23	Apparel, including knit apparel, and other finished textile products.....	67	100.0	1.7	1.6	5.1	3.4	42.7	38.8	6.7	-
25	Furniture and fixtures.....	62	100.0	1.4	3.4	7.2	14.3	45.2	27.6	.9	-
251	Household and office furniture.....	47	100.0	1.6	4.5	8.3	14.0	52.9	17.9	.8	-
26	Pulp, paper, and allied products.....	403	100.0	2.5	11.9	12.0	16.3	37.7	19.2	.4	-
264	Converted paper and paperboard products (except containers and boxes).....	58	100.0	.7	3.7	14.5	11.4	41.3	27.2	1.2	-
265	Containers, boxes and related products, paperboard, fiberboard, and pulpboard.	76	100.0	9.7	25.6	29.4	13.8	19.7	1.8	-	-
2651	Containers, boxes, baskets, pallets and skids, paperboard, fiberboard, and pulpboard.....	64	100.0	11.3	29.8	33.8	16.0	8.8	.3	-	-
28	Chemicals and allied products.....	12,323	100.0	1.6	3.2	3.4	4.6	28.4	40.8	18.0	-
281	Industrial chemicals.....	6,474	100.0	2.0	4.2	3.5	3.8	28.5	50.1	7.9	-
2812	Basic inorganic chemical compounds (including chlorine, potassium, and sodium compounds).....	454	100.0	5.1	13.7	17.4	10.1	31.0	21.8	.9	-
2813	Industrial gases, compressed and liquefied.....	70	100.0	18.7	4.8	12.3	11.5	52.7	-	-	-
2814	Crude products from coal tar, petroleum, and natural gas, except asphalt, tar, and pitches.....	506	100.0	6.0	9.0	7.9	13.1	54.8	8.5	.7	-
2818	Miscellaneous industrial organic chemicals.....	4,412	100.0	.3	1.9	.9	2.3	18.1	69.2	7.3	-
2819	Miscellaneous industrial inorganic chemicals.....	732	100.0	6.5	10.4	7.4	2.7	47.3	5.0	20.7	-
282	Plastic materials and plasticizers, synthetic resins, rubbers, and fibers.	3,326	100.0	.3	.2	.9	1.3	15.4	33.6	48.3	-
2821	Plastic materials and plasticizers, synthetic resins, rubbers, and fibers.	3,326	100.0	.3	.2	.9	1.3	15.4	33.6	48.3	-
284	Soap and detergents, cleaning preparations, perfumes, cosmetics, and other toilet preparations.....	95	100.0	3.1	7.7	24.7	25.8	27.4	11.3	-	-
285	Paints, varnishes, lacquers, enamels, and allied products.....	219	100.0	1.6	5.9	16.4	15.3	42.7	14.6	3.5	-
2851	Paints, varnishes, lacquers, enamels, and allied products.....	219	100.0	1.6	5.9	16.4	15.3	42.7	14.6	3.5	-
287	Agricultural chemicals.....	979	100.0	4.5	8.5	7.6	13.4	54.6	11.4	-	-
2871	Fertilizers.....	855	100.0	4.7	9.3	7.3	13.6	54.8	10.3	-	-
289	Miscellaneous chemical products.....	1,212	100.0	.6	.8	2.7	6.7	39.9	41.4	7.9	-
2899	Chemical products, n.e.c.....	1,210	100.0	.6	.8	2.5	6.8	39.9	41.5	7.9	-

See footnote at end of table.

TABLE 2. Percent Distribution of Commodities, by Distance of Shipment: 1967--Continued

TCC code	Commodity	Number	Percent distribution by distance of shipment								Sampling variability code ¹
			All distances	Under 100 miles	100 to 199 miles	200 to 299 miles	300 to 499 miles	500 to 999 miles	1,000 to 1,499 miles	1,500 miles or over	
	TON-MILES OF SHIPMENTS--Continued	(millions of ton-miles)									
29	Petroleum and coal products.....	176,200	100.0	0.2	0.7	0.9	1.0	10.6	57.5	29.1	-
291	Products of petroleum refining.....	175,386	100.0	.2	.7	.8	1.0	10.5	57.6	29.2	-
2911	Products of petroleum refining (except liquefied petroleum gases and petroleum coke and breeze).....	175,013	100.0	.2	.6	.8	1.0	10.4	57.7	29.3	-
2912	Liquefied petroleum and coal gases.....	372	100.0	5.2	6.7	9.6	1.8	45.7	29.3	1.7	-
295	Paving and roofing materials.....	296	100.0	2.5	11.8	16.0	19.1	32.3	15.3	3.0	-
2952	Asphalt felt and coatings.....	286	100.0	2.2	10.1	15.5	19.8	33.5	15.8	3.1	-
299	Miscellaneous petroleum and coal products.....	519	100.0	2.1	7.0	6.9	4.0	34.2	42.6	3.2	-
2991	Miscellaneous petroleum and coal products.....	519	100.0	2.1	7.0	6.9	4.0	34.2	42.6	3.2	-
30	Rubber and miscellaneous plastics products.....	310	100.0	.1	1.1	.8	5.1	37.8	49.2	5.9	-
301	Tires and inner tubes.....	192	100.0	.2	1.6	.4	5.4	39.8	49.1	3.5	-
3011	Tires and inner tubes.....	192	100.0	.2	1.6	.4	5.4	39.8	49.1	3.5	-
32	Stone, clay, and glass products.....	1,723	100.0	6.6	22.3	18.3	22.6	22.0	6.8	1.4	-
325	Structural clay products.....	385	100.0	3.9	16.5	15.9	21.3	33.2	8.7	.5	-
3251	Brick and structural clay tile.....	332	100.0	4.2	18.0	17.5	22.9	31.7	5.7	-	-
3253	Ceramic wall and floor tile.....	52	100.0	1.3	5.7	6.3	11.1	43.4	28.3	3.9	-
327	Concrete, gypsum, plaster, and plaster products.....	546	100.0	4.1	19.5	18.7	30.8	25.1	1.8	-	-
33	Primary metal products.....	2,548	100.0	.6	3.0	12.2	9.9	37.2	26.0	11.1	-
331	Steel works and rolling mill products..	1,001	100.0	.8	4.9	27.9	20.5	32.7	13.0	.2	-
3312	Primary iron and steel products (except coke-oven products).....	878	100.0	.4	4.9	30.3	19.3	31.0	13.9	.2	-
332	Iron and steel castings.....	154	100.0	1.6	7.5	7.6	6.9	59.7	6.3	10.4	-
3321	Iron and steel castings.....	154	100.0	1.6	7.5	7.6	6.9	59.7	6.3	10.4	-
333	Nonferrous metals primary smelter products (slab, ingot, pig, etc., and residues).....	1,230	100.0	.1	.7	.8	1.6	37.7	37.9	21.2	-
34	Fabricated metal products.....	757	100.0	2.9	7.5	10.5	16.8	37.5	18.7	6.1	-
341	Metal cans.....	39	100.0	3.7	20.9	16.5	15.0	14.7	19.7	9.5	-
3411	Metal cans.....	39	100.0	3.7	20.9	16.5	15.0	14.7	19.7	9.5	-
344	Structural and miscellaneous metal products.....	492	100.0	1.8	8.0	12.0	16.3	37.0	21.4	3.5	-
35	Machinery, except electrical.....	573	100.0	.3	4.8	6.5	11.7	23.2	37.8	15.7	-
353	Construction, mining, and materials handling machinery and equipment.....	241	100.0	.3	2.6	4.7	12.0	19.8	42.0	18.6	-
3531	Construction machinery and equipment...	54	100.0	.1	2.8	1.0	3.5	19.3	72.1	1.2	-
3533	Oil field machinery and equipment.....	169	100.0	.4	2.7	5.8	14.9	16.9	33.4	25.9	-
366	Communication equipment.....	6	100.0	.4	.1	.2	5.4	32.1	57.7	4.1	-
367	Electronic components or accessories...	2	100.0	-	-	.1	.3	13.0	74.1	12.5	-
37	Transportation equipment.....	126	100.0	3.7	7.1	20.0	22.4	24.8	20.0	2.0	-
371	Motor vehicles and motor vehicle equipment.....	96	100.0	2.6	8.1	24.8	27.6	28.9	8.0	-	-
372	Aircraft and parts.....	9	100.0	.3	.1	1.9	-	5.0	92.5	.2	-
3729	Aircraft parts and equipment, n.e.c....	5	100.0	.6	.2	-	.1	8.9	89.9	.3	-

¹Code letter indicates a sampling variability range as follows: a, 0-9 percent; b, 10-19 percent; c, 20-29 percent; and d, 30-50 percent. The variability for ton-miles has not been estimated.

TABLE 3. Percent Distribution of Commodities, by Geographic Division of Destination: 1967

TCC code	Commodity	Number	Percent distribution by geographic division ¹ of destination											Sampling vari- ability code ³
			All means of trans- port	New Eng- land	Middle Atlantic	East North Central	West North Central	South Atlantic	East South Central	West South Central	Moun- tain	Paci- fic ²		
	TONS OF SHIPMENTS	(thous. of tons)												
	Texas, total.....	206,017	100.0	21.8	25.5	2.8	2.5	13.0	2.8	26.2	2.0	3.4	-	
20	Food and kindred products.....	10,036	100.0	.6	1.0	1.6	2.5	1.3	2.4	87.4	1.3	1.9	c	
201	Meat, poultry, and small game; fresh, chilled or frozen.....	907	100.0	.8	2.2	3.3	1.0	3.0	1.1	79.2	1.8	7.6	c	
2011	Meat, fresh or chilled, not salted.....	241	100.0	2.4	2.4	.2	1.6	6.7	1.4	84.3	.2	.8	c	
203	Canned and preserved fruits, vege- tables, and seafoods.....	445	100.0	.6	.7	2.9	13.4	1.6	3.3	64.2	8.5	4.8	d	
2033	Canned fruits and vegetables.....	126	100.0	-	-	.1	1.2	-	10.3	72.2	3.4	12.8	d	
207	Confectionery and related products.....	95	100.0	1.0	2.1	7.7	5.3	27.4	7.0	42.8	5.1	1.6	d	
2071	Confectionery and related products.....	95	100.0	1.0	2.1	7.7	5.3	27.4	7.0	42.8	5.1	1.6	d	
208	Beverages and flavoring extracts.....	1,867	100.0	-	-	-	.3	.3	5.9	91.6	1.2	.7	d	
2082	Malt liquors.....	1,298	100.0	-	-	-	-	.5	7.4	91.0	.9	.2	d	
23	Apparel, including knit apparel, and other finished textile products.....	106	100.0	.7	7.4	14.7	5.5	12.0	4.2	41.3	9.0	5.2	d	
25	Furniture and fixtures.....	127	100.0	.1	3.6	7.5	10.2	3.8	3.3	47.5	18.5	5.5	d	
251	Household and office furniture.....	105	100.0	.2	3.4	8.5	9.0	4.0	2.0	52.7	19.8	.4	d	
26	Pulp, paper, and allied products.....	1,130	100.0	.9	2.7	11.2	3.4	2.6	2.5	74.9	1.5	.3	b	
264	Converted paper and paperboard products (except containers and boxes).....	124	100.0	.8	7.1	3.7	12.4	2.8	1.6	67.6	3.3	.7	d	
265	Containers, boxes and related products, paperboard, fiberboard, and pulpboard.	401	100.0	-	-	.7	1.4	.9	1.3	93.6	2.1	-	d	
2651	Containers, boxes, baskets, pallets and skids, paperboard, fiberboard, and pulpboard.....	380	100.0	-	-	.7	.1	.9	1.4	96.6	.3	-	d	
28	Chemicals and allied products.....	19,993	100.0	5.2	11.2	9.0	6.9	5.4	10.0	48.2	1.6	2.5	a	
281	Industrial chemicals.....	11,585	100.0	.5	14.7	7.5	3.9	4.6	12.5	53.1	1.3	1.9	b	
2812	Basic inorganic chemical compounds (including chlorine, potassium, and sodium compounds).....	1,476	100.0	-	-	4.8	4.9	1.0	2.1	81.3	5.6	.3	d	
2813	Industrial gases, compressed and liquefied.....	464	100.0	-	-	3.6	1.5	-	6.2	88.1	.6	-	c	
2814	Crude products from coal tar, petro- leum, and natural gas, except asphalt, tar, and pitches.....	1,602	100.0	-	.4	1.4	.2	3.2	23.3	71.3	.1	.1	d	
2818	Miscellaneous industrial organic chemicals.....	4,951	100.0	.8	34.1	8.1	3.0	8.8	16.7	24.9	.8	2.8	c	
2819	Miscellaneous industrial inorganic chemicals.....	2,684	100.0	-	.5	.6	8.2	.8	6.9	79.6	.8	2.6	c	
282	Plastic materials and plasticizers, synthetic resins, rubbers, and fibers.	3,146	100.0	30.4	10.0	18.6	3.4	8.2	6.8	16.5	.1	6.0	c	
2821	Plastic materials and plasticizers, synthetic resins, rubbers, and fibers.	3,146	100.0	30.4	10.0	18.6	3.4	8.2	6.8	16.5	.1	6.0	c	
284	Soap and detergents, cleaning prepara- tions, perfumes, cosmetics, and other toilet preparations.....	327	100.0	-	1.6	2.2	5.8	2.6	1.5	83.9	2.2	.2	c	
285	Paints, varnishes, lacquers, enamels, and allied products.....	553	100.0	-	2.0	1.9	12.0	4.0	5.1	59.9	13.3	1.8	d	
2851	Paints, varnishes, lacquers, enamels, and allied products.....	553	100.0	-	2.0	1.9	12.0	4.0	5.1	59.9	13.3	1.8	d	
287	Agricultural chemicals.....	2,712	100.0	-	.3	1.5	22.4	2.1	2.7	68.1	2.5	.4	d	
2871	Fertilizers.....	2,444	100.0	-	-	.3	24.0	1.7	2.4	69.4	2.0	.2	d	
289	Miscellaneous chemical products.....	1,643	100.0	1.1	10.9	17.2	7.4	12.6	13.7	32.3	1.1	3.7	b	
2899	Chemical products, n.e.c.....	1,630	100.0	1.1	11.0	17.4	7.4	12.7	13.8	31.8	1.1	3.7	b	

See footnotes at end of table.

TABLE 3. Percent Distribution of Commodities, by Geographic Division of Destination: 1967--Continued

TCC code	Commodity	Number	Percent distribution by geographic division ¹ of destination										Sampling variability code ³
			All means of transport	New England	Middle Atlantic	East North Central	West North Central	South Atlantic	East South Central	West South Central	Mountain	Pacific ²	
	TONS OF SHIPMENTS--Continued	(thous. of tons)											
29	Petroleum and coal products.....	155,745	100.0	28.0	32.0	1.7	1.7	16.2	1.6	13.5	1.5	3.8	b
291	Products of petroleum refining.....	153,767	100.0	28.4	32.3	1.6	1.6	16.4	1.7	12.7	1.5	3.8	b
2911	Products of petroleum refining (except liquefied petroleum gases and petroleum coke and breeze).....	152,741	100.0	28.6	32.6	1.6	1.6	16.4	1.6	12.3	1.5	3.8	b
2912	Liquefied petroleum and coal gases.....	1,026	100.0	2.4	.7	7.8	2.6	6.0	11.3	69.2	-	-	a
295	Paving and roofing materials.....	844	100.0	-	.2	4.9	8.4	.4	1.5	79.0	4.4	1.2	d
2952	Asphalt felt and coatings.....	779	100.0	-	.2	5.3	9.1	.4	1.6	77.4	4.7	1.3	d
299	Miscellaneous petroleum and coal products.....	1,134	100.0	-	7.0	4.2	4.8	1.5	.6	74.1	.6	7.2	c
2991	Miscellaneous petroleum and coal products.....	1,134	100.0	-	7.0	4.2	4.8	1.5	.6	74.1	.6	7.2	c
30	Rubber and miscellaneous plastics products.....	368	100.0	1.4	13.9	20.1	11.1	13.3	6.5	16.3	5.2	12.2	d
301	Tires and inner tubes.....	237	100.0	.3	12.8	19.5	8.8	16.3	7.4	17.4	5.1	12.4	d
3011	Tires and inner tubes.....	237	100.0	.3	12.8	19.5	8.8	16.3	7.4	17.4	5.1	12.4	d
32	Stone, clay, and glass products.....	7,836	100.0	-	.4	1.8	2.2	.6	1.2	84.5	9.0	.3	c
325	Structural clay products.....	1,356	100.0	-	1.1	5.4	7.9	1.3	.1	80.3	3.6	.3	d
3251	Brick and structural clay tile.....	1,245	100.0	-	1.2	4.5	8.1	.8	-	82.4	3.0	-	d
3253	Ceramic wall and floor tile.....	105	100.0	-	-	16.4	5.9	6.8	1.8	53.4	11.2	4.5	d
327	Concrete, gypsum, plaster, and plaster products.....	2,168	100.0	-	.1	.3	1.8	.1	2.9	87.6	6.9	.3	d
33	Primary metal products.....	4,632	100.0	.6	2.9	12.5	8.0	2.5	10.4	52.9	6.4	3.8	b
331	Steel works and rolling mill products..	2,708	100.0	-	.5	3.7	4.6	1.3	6.9	70.3	9.3	3.4	c
3312	Primary iron and steel products (except coke-oven products).....	2,355	100.0	-	.6	2.9	4.6	1.4	5.9	70.2	10.7	3.7	d
332	Iron and steel castings.....	316	100.0	-	-	17.6	13.1	1.4	3.7	55.4	5.4	3.4	a
3321	Iron and steel castings.....	316	100.0	-	-	17.6	13.1	1.4	3.7	55.4	5.4	3.4	a
333	Nonferrous metals primary smelter products (slab, ingot, pig, etc., and residues).....	1,288	100.0	2.3	9.3	29.0	12.2	5.0	20.6	16.5	.7	4.4	b
34	Fabricated metal products.....	1,965	100.0	1.2	2.0	5.6	2.0	3.7	13.9	66.3	4.0	1.3	c
341	Metal cans.....	148	100.0	1.3	3.3	.1	1.4	2.7	1.8	89.1	-	.3	b
3411	Metal cans.....	148	100.0	1.3	3.3	.1	1.4	2.7	1.8	89.1	-	.3	b
344	Structural and miscellaneous metal products.....	1,187	100.0	1.8	2.4	4.0	2.5	4.1	18.5	61.3	5.0	.4	d
35	Machinery, except electrical.....	925	100.0	1.1	5.6	6.0	6.0	7.9	2.9	56.6	6.6	7.3	c
353	Construction, mining, and materials handling machinery and equipment.....	342	100.0	-	2.1	5.0	5.3	7.0	2.4	49.9	15.5	12.8	b
3531	Construction machinery and equipment...	66	100.0	-	5.6	1.5	11.2	31.6	3.5	32.0	1.7	12.9	d
3533	Oil field machinery and equipment.....	249	100.0	-	.8	4.3	2.3	.6	1.5	56.6	20.0	13.9	b
366	Communication equipment.....	7	100.0	2.8	17.6	.5	18.4	6.0	.5	23.6	.2	30.4	d
367	Electronic components or accessories...	2	100.0	10.8	25.2	9.7	2.1	4.0	.6	2.1	4.8	40.7	b
37	Transportation equipment.....	370	100.0	.7	.7	2.1	4.5	4.3	6.8	76.2	2.5	2.2	b
371	Motor vehicles and motor vehicle equipment.....	307	100.0	-	.3	1.8	4.5	4.3	7.8	78.4	2.2	.7	b
372	Aircraft and parts.....	9	100.0	20.3	8.2	.1	4.4	10.7	.1	20.4	3.4	32.4	c
3729	Aircraft parts and equipment, n.e.c.....	5	100.0	.6	1.6	.2	7.5	17.4	.2	22.1	3.0	47.4	d

See footnotes at end of table.

TABLE 3. Percent Distribution of Commodities, by Geographic Division of Destination: 1967--Continued

TCC code	Commodity	Number	Percent distribution by geographic division of destination										Sampling variability code ³
			All means of transport	New England	Middle Atlantic	East North Central	West North Central	South Atlantic	East South Central	West South Central	Mountain	Pacific ²	
	TON-MILES OF SHIPMENTS	(millions of ton-miles)											
	Texas, total.....	198,678	100.0	34.4	36.0	2.7	1.7	12.4	1.8	4.9	0.7	5.4	-
20	Food and kindred products.....	2,858	100.0	3.1	5.0	5.0	5.1	4.4	3.6	61.3	3.2	9.3	-
201	Meat, poultry, and small game; fresh, chilled or frozen.....	351	100.0	3.4	7.6	7.5	1.6	8.4	1.2	40.3	3.4	26.6	-
2011	Meat, fresh or chilled, not salted.....	70	100.0	13.2	9.2	1.1	2.9	26.3	2.0	42.8	.7	1.8	-
203	Canned and preserved fruits, vegetables, and seafoods.....	206	100.0	2.4	2.5	8.0	13.3	4.3	3.9	38.3	12.6	14.7	-
2033	Canned fruits and vegetables.....	63	100.0	-	-	.2	1.9	-	11.0	46.9	5.6	34.4	-
207	Confectionery and related products.....	56	100.0	2.8	5.3	13.5	5.0	40.6	5.8	16.4	6.4	4.2	-
2071	Confectionery and related products.....	56	100.0	2.8	5.3	13.5	5.0	40.6	5.8	16.4	6.4	4.2	-
208	Beverages and flavoring extracts.....	400	100.0	-	-	-	.5	1.8	10.8	79.1	3.6	4.2	-
2082	Malt liquors.....	301	100.0	-	-	-	-	2.4	11.9	81.3	2.9	1.5	-
23	Apparel, including knit apparel, and other finished textile products.....	67	100.0	1.5	14.5	18.3	5.4	20.9	3.7	12.1	11.2	12.4	-
25	Furniture and fixtures.....	62	100.0	.4	9.6	12.7	9.5	7.8	3.4	9.2	24.6	12.8	-
251	Household and office furniture.....	47	100.0	.6	9.8	15.6	9.7	9.1	2.0	22.6	29.3	1.3	-
26	Pulp, paper, and allied products.....	403	100.0	3.6	9.3	26.5	5.6	5.8	2.7	41.6	3.7	1.2	-
264	Converted paper and paperboard products (except containers and boxes).....	58	100.0	2.5	19.9	7.0	16.4	5.1	1.8	40.3	4.7	2.3	-
265	Containers, boxes and related products, paperboard, fiberboard, and pulpboard.....	76	100.0	-	-	3.4	4.6	3.6	2.9	76.0	9.5	-	-
2651	Containers, boxes, baskets, pallets and skids, paperboard, fiberboard, and pulpboard.....	64	100.0	-	-	3.7	.1	4.0	3.4	87.9	.9	-	-
28	Chemicals and allied products.....	12,323	100.0	13.0	24.8	14.0	8.1	8.9	10.7	12.3	2.2	6.0	-
281	Industrial chemicals.....	6,474	100.0	1.4	36.0	12.4	5.0	8.8	15.1	13.4	2.3	5.6	-
2812	Basic inorganic chemical compounds (including chlorine, potassium, and sodium compounds).....	454	100.0	-	-	16.9	12.4	2.9	3.9	47.0	15.3	1.6	-
2813	Industrial gases, compressed and liquefied.....	70	100.0	-	-	21.3	4.2	-	29.7	41.7	3.1	-	-
2814	Crude products from coal tar, petroleum, and natural gas, except asphalt, tar, and pitches.....	506	100.0	-	1.7	4.1	.5	10.9	47.1	35.2	.2	.3	-
2818	Miscellaneous industrial organic chemicals.....	4,412	100.0	1.4	52.4	9.7	2.4	10.7	12.2	5.2	.9	5.1	-
2819	Miscellaneous industrial inorganic chemicals.....	732	100.0	-	2.9	2.4	21.3	2.6	21.4	28.6	4.9	15.9	-
282	Plastic materials and plasticizers, synthetic resins, rubbers, and fibers.....	3,326	100.0	44.3	13.3	17.6	2.2	7.7	4.0	2.8	.1	8.0	-
2821	Plastic materials and plasticizers, synthetic resins, rubbers, and fibers.....	3,326	100.0	44.3	13.3	17.6	2.2	7.7	4.0	2.8	.1	8.0	-
284	Soap and detergents, cleaning preparations, perfumes, cosmetics, and other toilet preparations.....	95	100.0	-	7.1	6.6	9.9	8.0	2.2	59.7	5.7	.8	-
285	Paints, varnishes, lacquers, enamels, and allied products.....	219	100.0	-	6.0	4.9	13.7	8.0	6.6	30.5	23.8	6.5	-
2851	Paints, varnishes, lacquers, enamels, and allied products.....	219	100.0	-	6.0	4.9	13.7	8.0	6.6	30.5	23.8	6.5	-
287	Agricultural chemicals.....	979	100.0	-	1.1	3.5	49.7	4.4	3.0	32.5	4.3	1.5	-
2871	Fertilizers.....	855	100.0	-	-	.9	55.3	3.7	2.6	33.7	3.0	.8	-
289	Miscellaneous chemical products.....	1,212	100.0	2.5	20.0	23.3	6.3	17.0	13.5	9.6	1.2	6.6	-
2899	Chemical products, n.e.c.....	1,210	100.0	2.5	20.0	23.4	6.3	17.0	13.6	9.4	1.2	6.6	-

See footnotes at end of table.

TABLE 3. Percent Distribution of Commodities, by Geographic Division of Destination: 1967--Continued

TCC code	Commodity	Number	Percent distribution by geographic division ¹ of destination										Sampling variability code ³
			All means of transport	New England	Middle Atlantic	East North Central	West North Central	South Atlantic	East South Central	West South Central	Mountain	Pacific ²	
	TON-MILES OF SHIPMENTS--Continued	(millions of ton-miles)											
29	Petroleum and coal products.....	176,200	100.0	37.8	38.3	1.3	1.0	13.0	0.9	2.2	0.3	5.2	-
291	Products of petroleum refining.....	175,386	100.0	38.0	38.4	1.3	.9	13.1	.9	2.0	.3	5.1	-
2911	Products of petroleum refining (except liquefied petroleum gases and petroleum coke and breeze).....	175,013	100.0	38.0	38.6	1.2	.9	13.1	.8	1.9	.3	5.2	-
2912	Liquefied petroleum and coal gases.....	372	100.0	9.4	2.6	21.6	2.5	14.9	23.1	25.8	-	.1	-
295	Paving and roofing materials.....	296	100.0	-	.7	15.7	18.2	.7	2.2	50.3	7.2	5.0	-
2952	Asphalt felt and coatings.....	286	100.0	-	.7	16.3	18.8	.8	2.3	48.4	7.5	5.2	-
299	Miscellaneous petroleum and coal products.....	519	100.0	-	19.4	7.8	7.1	3.1	.8	37.5	1.5	22.8	-
2991	Miscellaneous petroleum and coal products.....	519	100.0	-	19.4	7.8	7.1	3.1	.8	37.5	1.5	22.8	-
30	Rubber and miscellaneous plastics products.....	310	100.0	2.6	21.3	21.6	7.8	13.4	4.5	4.1	4.5	20.2	-
301	Tires and inner tubes.....	192	100.0	.6	19.7	21.7	6.4	16.7	5.6	4.1	4.4	20.8	-
3011	Tires and inner tubes.....	192	100.0	.6	19.7	21.7	6.4	16.7	5.6	4.1	4.4	20.8	-
32	Stone, clay, and glass products.....	1,723	100.0	-	2.1	6.9	5.9	2.7	3.5	65.7	11.0	2.2	-
325	Structural clay products.....	385	100.0	-	4.9	15.2	15.8	4.0	.2	53.0	5.2	1.7	-
3251	Brick and structural clay tile.....	332	100.0	-	5.7	13.6	16.9	2.4	-	57.7	3.7	-	-
3253	Ceramic wall and floor tile.....	52	100.0	-	-	26.1	9.0	14.1	1.6	21.6	14.5	13.1	-
327	Concrete, gypsum, plaster, and plaster products.....	546	100.0	-	.3	.7	3.8	.3	7.2	72.0	14.2	1.5	-
33	Primary metal products.....	2,548	100.0	1.8	8.5	23.1	10.1	5.0	11.7	24.4	5.8	9.6	-
331	Steel works and rolling mill products..	1,001	100.0	-	1.4	7.9	6.6	2.4	8.0	50.1	11.1	12.5	-
3312	Primary iron and steel products (except coke-oven products).....	878	100.0	-	1.4	5.5	6.5	2.7	6.4	51.1	12.7	13.7	-
332	Iron and steel castings.....	154	100.0	-	-	29.4	18.9	2.7	3.1	24.2	9.1	12.6	-
3321	Iron and steel castings.....	154	100.0	-	-	29.4	18.9	2.7	3.1	24.2	9.1	12.6	-
333	Nonferrous metals primary smelter products (slab, ingot, pig, etc., and residues).....	1,230	100.0	3.7	16.1	34.0	11.1	7.2	16.6	4.6	.3	6.4	-
34	Fabricated metal products.....	757	100.0	4.8	6.9	11.9	3.2	8.6	18.7	32.7	8.1	5.1	-
341	Metal cans.....	39	100.0	7.4	16.6	.3	3.8	9.1	3.8	56.8	.1	2.1	-
3411	Metal cans.....	39	100.0	7.4	16.6	.3	3.8	9.1	3.8	56.8	.1	2.1	-
344	Structural and miscellaneous metal products.....	492	100.0	6.6	7.6	8.4	3.4	8.9	22.9	31.4	9.3	1.5	-
35	Machinery, except electrical.....	573	100.0	3.1	11.7	8.5	7.1	13.5	2.2	24.8	10.0	19.1	-
353	Construction, mining, and materials handling machinery and equipment.....	241	100.0	.1	3.7	6.0	5.6	11.0	1.7	20.6	21.2	30.1	-
3531	Construction machinery and equipment...	54	100.0	-	8.6	2.0	8.9	43.1	3.5	12.7	1.3	19.9	-
3533	Oil field machinery and equipment.....	169	100.0	-	1.5	5.0	3.0	.8	.8	23.9	28.8	36.2	-
366	Communication equipment.....	6	100.0	5.2	27.7	.5	11.7	7.3	.4	6.2	.3	40.7	-
367	Electronic components or accessories...	2	100.0	12.7	27.6	6.6	1.2	4.0	.3	.2	3.0	44.4	-
37	Transportation equipment.....	126	100.0	3.2	2.6	5.4	7.4	11.5	10.4	46.2	5.2	8.1	-
371	Motor vehicles and motor vehicle equipment.....	96	100.0	-	1.0	4.8	7.5	11.9	12.7	54.4	5.0	2.7	-
372	Aircraft and parts.....	9	100.0	28.4	9.9	.1	3.0	12.1	.1	2.4	3.2	40.8	-
3729	Aircraft parts and equipment, n.e.c....	5	100.0	.9	2.2	.2	5.5	21.3	.1	.9	2.8	66.1	-

¹For States included in the geographic divisions, see map on inside cover.²Shipments to Alaska and Hawaii from the 48 conterminous States and the District of Columbia are included; no data were obtained for shipments originating in Alaska and Hawaii.³Code letter indicates a sampling variability range as follows: a, 0-9 percent; b, 10-19 percent; c, 20-29 percent; and d, 30-50 percent. The variability for ton-miles has not been estimated.

VIRGINIA

SUMMARY

The estimates of tons and ton-miles are based on reports from a sample of manufacturing establishments located in the State of Virginia. The total tons and ton-miles represent the total intercity shipments by essentially all manufacturing establishments in the State, except for plants with less than 20 employees. However, since the data are based on a sample, the estimates necessarily are subject to "sampling variability."

The approximate degree of sampling variability for tons for each commodity or commodity class is indicated in the last column of tables 1 to 3. In general, most of the commodity data in this report are subject to substantial sampling variability and should be treated as approximate rather than precise measures.

About 20.6 million tons of commodities were shipped by plants in this State to destinations

beyond the local area. These shipments generated 5.4 billion ton-miles by all means of transport combined, and averaged about 262 straight-line miles per ton shipped.

Table B indicates that over 27 percent of tons moved 300 to 499 miles and that mileage block accounts for almost 39 percent of the ton-miles.

Rail is the dominant means of transport, accounting for 44 percent of the total tons. When measured in terms of ton-miles rather than tons, rail is still dominant, accounting for slightly more than one-half of the total ton-miles.

As shown in table C, 63 percent of total tons shipped by plants in Virginia remained in the South. However, for some commodity groups (such as Apparel and Other Finished Textile Products, Furniture and Fixtures and Tobacco) a countrywide distribution is indicated.

Table A. PERCENT DISTRIBUTION OF SHIPMENTS, AND AVERAGE LENGTH OF HAUL, BY MEANS OF TRANSPORT

Means of transport	Tons	Ton-miles	Average length of haul
	(thou-sands)	(millions)	(miles)
All commodities.....	20,565	5,397	(X)
ALL COMMODITIES			
	Percent distribu-tion		
All means of transport.....	100.0	100.0	262
Rail.....	43.7	50.5	303
Motor carrier.....	21.4	24.2	297
Private truck.....	21.3	8.4	103
Air.....	-	.1	-
Water.....	13.2	16.4	-
All other.....	.4	.4	-

Note: Average length of haul is based on straight-line miles from plant to customer or primary redistribution point, weighted by tonnage shipped (i.e., ton-miles divided by tons). Rail short-line and highway direct-route distances average about 24 and 21 percent, respectively, longer than straight-line distances..

Table B. PERCENT DISTRIBUTION OF SHIPMENTS BY DISTANCE OF SHIPMENT

Distance shipped	Tons	Ton-miles
ALL COMMODITIES		
All distances.....	100.0	100.0
Under 100 miles.....	26.2	4.8
100 to 199 miles.....	21.7	11.7
200 to 299 miles.....	15.5	14.5
300 to 499 miles.....	27.5	38.5
500 to 999 miles.....	7.2	17.8
1,000 to 1,499 miles.....	.8	3.4
1,500 miles and over.....	1.1	9.3

Table C. PERCENT DISTRIBUTION OF TONS OF COMMODITIES BY REGION OF DESTINATION

TCC code	Commodity class	Tons (thousands)	Percent distribution by region ¹ of destination				
			All des-tinations	North-east	North Central	South	West
	Total.....	² 20,565	100.0	27.1	8.6	63.1	1.2
20	Food and kindred products.....	1,677	100.0	26.8	4.2	67.4	1.6
21	Tobacco products.....	443	100.0	24.7	7.6	49.4	18.3
22	Basic textiles.....	559	100.0	26.1	3.3	69.0	1.6
23	Apparel, including knit apparel, and other finished textile products.....	79	100.0	50.0	17.8	25.4	6.8
25	Furniture and fixtures.....	333	100.0	34.6	19.2	30.0	16.2
26	Pulp, paper, and allied products.....	2,984	100.0	38.1	16.7	44.7	.5
28	Chemicals and allied products.....	3,524	100.0	8.7	2.7	88.1	.5
30	Rubber and miscellaneous plastics products.....	153	100.0	20.0	24.7	53.3	2.0
33	Primary metal products.....	954	100.0	6.2	64.5	28.0	1.3
34	Fabricated metal products.....	266	100.0	31.1	22.1	44.8	2.0

¹See map on inside cover for areas included in the regions of the United States.

²Total includes commodities not shown separately.

TABLE 1. Percent Distribution of Commodities, by Means of Transport: 1967

TCC code	Commodity	Number	Percent distribution by means of transport								Sampling variability code ¹
			All means of transport	Rail	Motor carrier	Private truck	Air	Water	Other	Unknown	
	TONS OF SHIPMENTS	(thousands of tons)									
	Virginia, total.....	20,565	100.0	43.7	21.4	21.3	-	13.2	0.3	0.1	-
20	Food and kindred products.....	1,677	100.0	28.3	31.3	39.1	-	.1	1.2	-	c
201	Meat, poultry, and small game; fresh, chilled or frozen.....	468	100.0	-	13.6	86.1	-	.3	-	-	d
203	Canned and preserved fruits, vegetables, and seafoods.....	297	100.0	10.6	61.2	28.1	-	-	-	.1	d
21	Tobacco products.....	443	100.0	54.6	42.5	1.5	-	1.2	.2	-	c
211	Cigarettes.....	332	100.0	55.8	42.5	.1	-	1.6	-	-	b
2111	Cigarettes.....	332	100.0	55.8	42.5	.1	-	1.6	-	-	b
22	Basic textiles.....	559	100.0	8.9	67.1	23.4	-	-	.4	.2	a
228	Thread and yarn (cotton, wool, silk, and man-made fiber).....	334	100.0	1.9	74.4	22.8	-	-	.6	.3	a
2281	Yarn.....	334	100.0	1.9	74.4	22.8	-	-	.6	.3	a
23	Apparel, including knit apparel, and other finished textile products.....	79	100.0	24.0	65.3	9.3	-	.1	1.0	.3	d
25	Furniture and fixtures.....	333	100.0	40.6	35.6	19.7	-	-	4.0	.1	d
251	Household and office furniture.....	299	100.0	41.9	31.5	22.0	-	-	4.5	.1	d
26	Pulp, paper, and allied products.....	2,984	100.0	57.8	27.8	14.2	-	.1	-	.1	c
263	Paperboard, fiberboard, and pulpboard (except insulating board).....	1,932	100.0	65.5	21.7	12.6	-	.1	-	.1	d
2631	Paperboard, fiberboard, and pulpboard (except insulating board).....	1,932	100.0	65.5	21.7	12.6	-	.1	-	.1	d
28	Chemicals and allied products.....	3,524	100.0	73.0	10.3	16.7	-	-	-	-	d
281	Industrial chemicals.....	985	100.0	78.1	16.8	5.0	-	-	-	.1	b
2819	Miscellaneous industrial inorganic chemicals.....	329	100.0	78.2	17.6	4.0	-	-	-	.2	c
282	Plastic materials and plasticizers, synthetic resins, rubbers, and fibers..	232	100.0	30.2	53.7	16.0	-	-	-	.1	a
2821	Plastic materials and plasticizers, synthetic resins, rubbers, and fibers..	232	100.0	30.2	53.7	16.0	-	-	-	.1	a
30	Rubber and miscellaneous plastics products.....	153	100.0	1.2	85.6	11.7	0.2	.1	.1	1.1	c
307	Miscellaneous plastic products.....	128	100.0	1.3	84.6	12.4	.2	.1	.1	1.3	c
3071	Miscellaneous plastic products.....	128	100.0	1.3	84.6	12.4	.2	.1	.1	1.3	c
33	Primary metal products.....	954	100.0	54.9	43.2	1.7	-	-	-	.2	c
34	Fabricated metal products.....	266	100.0	4.6	90.9	4.3	.2	-	-	-	d

See footnote at end of table.

TABLE 1. Percent Distribution of Commodities, by Means of Transport: 1967--Continued

TCC code	Commodity	Number	Percent distribution by means of transport								Sampling variability code ¹
			All means of transport	Rail	Motor carrier	Private truck	Air	Water	Other	Unknown	
	TON-MILES OF SHIPMENTS	(millions of ton-miles)									
	Virginia, total.....	5,397	100.0	50.5	24.2	8.4	0.1	16.4	0.3	0.1	-
20	Food and kindred products.....	436	100.0	33.2	41.4	25.2	-	-	.2	-	-
201	Meat, poultry, and small game; fresh, chilled or frozen.....	92	100.0	-	32.7	67.1	-	.2	-	-	-
203	Canned and preserved fruits, vegetables, and seafoods.....	107	100.0	16.6	60.9	22.5	-	-	-	-	-
21	Tobacco products.....	304	100.0	72.0	19.1	.2	-	8.6	.1	-	-
211	Cigarettes.....	279	100.0	73.6	17.1	-	-	9.3	-	-	-
2111	Cigarettes.....	279	100.0	73.6	17.1	-	-	9.3	-	-	-
22	Basic textiles.....	206	100.0	15.7	69.6	14.1	-	-	.5	.1	-
228	Thread and yarn (cotton, wool, silk, and man-made fiber).....	103	100.0	4.8	79.5	14.4	-	-	1.0	.3	-
2281	Yarn.....	103	100.0	4.8	79.5	14.4	-	-	1.0	.3	-
23	Apparel, including knit apparel, and other finished textile products.....	49	100.0	24.1	65.3	8.6	-	.9	.9	.2	-
25	Furniture and fixtures.....	242	100.0	64.3	27.2	6.7	-	-	1.8	-	-
251	Household and office furniture.....	223	100.0	66.0	24.8	7.2	-	-	2.0	-	-
26	Pulp, paper, and allied products.....	990	100.0	67.1	25.3	7.5	-	-	.1	-	-
263	Paperboard, fiberboard, and pulpboard (except insulating board).....	597	100.0	72.6	18.3	9.1	-	-	-	-	-
2631	Paperboard, fiberboard, and pulpboard (except insulating board).....	597	100.0	72.6	18.3	9.1	-	-	-	-	-
28	Chemicals and allied products.....	826	100.0	82.9	10.5	6.5	-	-	-	.1	-
281	Industrial chemicals.....	281	100.0	83.7	13.3	2.9	-	-	-	.1	-
2819	Miscellaneous industrial inorganic chemicals.....	116	100.0	80.9	17.0	1.8	-	-	-	.3	-
282	Plastic materials and plasticizers, synthetic resins, rubbers, and fibers..	88	100.0	42.7	45.2	12.0	-	-	-	.1	-
2821	Plastic materials and plasticizers, synthetic resins, rubbers, and fibers..	88	100.0	42.7	45.2	12.0	-	-	-	.1	-
30	Rubber and miscellaneous plastics products.....	67	100.0	4.2	85.0	8.3	.2	1.1	.2	1.0	-
307	Miscellaneous plastic products.....	54	100.0	4.4	83.6	9.0	.2	1.4	.1	1.3	-
3071	Miscellaneous plastic products.....	54	100.0	4.4	83.6	9.0	.2	1.4	.1	1.3	-
33	Primary metal products.....	370	100.0	64.1	34.4	.9	-	-	-	.6	-
34	Fabricated metal products.....	111	100.0	9.7	88.5	1.2	.6	-	-	-	-

¹Code letter indicates a sampling variability range as follows: a, 0-9 percent; b, 10-19 percent; c, 20-29 percent; and d, 30-50 percent. The variability for ton-miles has not been estimated.

TABLE 2. Percent Distribution of Commodities, by Distance of Shipment: 1967

TCC code	Commodity	Number	Percent distribution by distance of shipment								Sampling variability code ¹
			All distances	Under 100 miles	100 to 199 miles	200 to 299 miles	300 to 499 miles	500 to 999 miles	1,000 to 1,499 miles	1,500 miles or over	
	TONS OF SHIPMENTS	(thousands of tons)									
	Virginia, total.....	20,565	100.0	26.2	21.7	15.5	27.5	7.2	0.8	1.1	-
20	Food and kindred products.....	1,677	100.0	20.7	33.3	18.1	19.6	5.9	.8	1.6	c
201	Meat, poultry, and small game; fresh, chilled or frozen.....	468	100.0	35.9	28.8	28.0	3.9	1.9	.1	1.4	d
203	Canned and preserved fruits, vegetables and seafoods.....	297	100.0	14.7	21.2	20.1	22.9	17.3	2.2	1.6	d
21	Tobacco products.....	443	100.0	11.7	24.3	13.4	22.8	9.3	1.9	16.6	c
211	Cigarettes.....	332	100.0	6.0	12.9	17.1	29.5	10.5	2.4	21.6	b
2111	Cigarettes.....	332	100.0	6.0	12.9	17.1	29.5	10.5	2.4	21.6	b
22	Basic textiles.....	559	100.0	11.4	15.7	20.7	32.1	17.7	.7	1.7	a
228	Thread and yarn (cotton, wool, silk, and man-made fiber).....	334	100.0	11.3	20.1	26.8	29.9	11.6	-	.3	a
2281	Yarn.....	334	100.0	11.3	20.1	26.8	29.9	11.6	-	.3	a
23	Apparel, including knit apparel, and other finished textile products.....	79	100.0	5.7	2.7	8.3	22.5	47.5	7.0	6.3	d
25	Furniture and fixtures.....	333	100.0	6.4	4.1	15.0	29.6	23.8	6.5	14.6	d
251	Household and office furniture.....	299	100.0	6.7	4.2	12.9	32.3	20.2	7.3	16.4	d
26	Pulp, paper, and allied products.....	2,984	100.0	8.6	21.9	22.8	30.9	13.6	1.9	.3	c
263	Paperboard, fiberboard, and pulpboard (except insulating board).....	1,932	100.0	6.3	22.9	25.7	33.1	11.1	.7	.2	d
2631	Paperboard, fiberboard, and pulpboard (except insulating board).....	1,932	100.0	6.3	22.9	25.7	33.1	11.1	.7	.2	d
28	Chemicals and allied products.....	3,524	100.0	22.0	27.5	22.5	23.3	4.0	.2	.5	d
281	Industrial chemicals.....	985	100.0	17.6	24.4	26.3	21.4	8.6	.7	1.0	b
2819	Miscellaneous industrial inorganic chemicals.....	329	100.0	22.2	20.0	10.9	28.3	15.2	2.0	1.4	c
282	Plastic materials and plasticizers, synthetic resins, rubbers, and fibers.	232	100.0	10.8	5.6	18.8	49.9	11.2	.7	3.0	a
2821	Plastic materials and plasticizers, synthetic resins, rubbers, and fibers.	232	100.0	10.8	5.6	18.8	49.9	11.2	.7	3.0	a
30	Rubber and miscellaneous plastics products.....	153	100.0	18.4	12.3	9.6	25.1	28.7	4.3	1.6	c
307	Miscellaneous plastic products.....	128	100.0	21.6	13.2	9.0	26.0	23.9	4.9	1.4	c
3071	Miscellaneous plastic products.....	128	100.0	21.6	13.2	9.0	26.0	23.9	4.9	1.4	c
33	Primary metal products.....	954	100.0	5.6	12.4	26.4	26.3	27.6	.4	1.3	c
34	Fabricated metal products.....	266	100.0	8.0	14.9	20.2	26.1	26.4	2.4	1.9	d

See footnote at end of table.

TABLE 2. Percent Distribution of Commodities, by Distance of Shipment: 1967--Continued

TCC code	Commodity	Number	Percent distribution by distance of shipment								Sampling variability code ¹
			All distances	Under 100 miles	100 to 199 miles	200 to 299 miles	300 to 499 miles	500 to 999 miles	1,000 to 1,499 miles	1,500 miles or over	
	TON-MILES OF SHIPMENTS	(millions of ton-miles)									
	Virginia, total.....	5,397	100.0	4.8	11.7	14.5	38.5	17.8	3.4	9.3	-
20	Food and kindred products.....	436	100.0	4.4	17.2	17.8	26.6	15.7	3.6	14.7	-
201	Meat, poultry, and small game; fresh, chilled or frozen.....	92	100.0	9.0	20.1	38.1	7.4	7.4	.9	17.1	-
203	Canned and preserved fruits, vegetables, and seafoods.....	107	100.0	3.0	8.6	14.3	24.9	32.1	6.7	10.4	-
21	Tobacco products.....	304	100.0	1.1	5.9	5.1	13.2	10.1	4.0	60.6	-
211	Cigarettes.....	279	100.0	.5	2.3	5.4	14.0	9.3	4.2	64.3	-
2111	Cigarettes.....	279	100.0	.5	2.3	5.4	14.0	9.3	4.2	64.3	-
22	Basic textiles.....	206	100.0	1.5	6.3	14.3	35.5	31.2	1.9	9.3	-
228	Thread and yarn (cotton, wool, silk, and man-made fiber).....	103	100.0	2.0	9.9	21.8	40.8	23.1	-	2.4	-
2281	Yarn.....	103	100.0	2.0	9.9	21.8	40.8	23.1	-	2.4	-
23	Apparel, including knit apparel, and other finished textile products.....	49	100.0	.4	.6	3.5	14.3	46.3	12.3	22.6	-
25	Furniture and fixtures.....	242	100.0	.6	.9	5.2	15.9	22.9	10.9	43.6	-
251	Household and office furniture.....	223	100.0	.7	.9	4.4	16.9	18.2	11.8	47.1	-
26	Pulp, paper, and allied products.....	990	100.0	1.4	9.8	17.2	36.4	26.8	6.5	1.9	-
263	Paperboard, fiberboard, and pulpboard (except insulating board).....	597	100.0	1.0	11.3	20.4	41.1	21.9	2.4	1.9	-
2631	Paperboard, fiberboard, and pulpboard (except insulating board).....	597	100.0	1.0	11.4	20.4	41.0	21.9	2.4	1.9	-
28	Chemicals and allied products.....	826	100.0	4.8	15.7	22.4	39.9	11.2	1.3	4.7	-
281	Industrial chemicals.....	281	100.0	3.6	11.5	22.9	29.5	21.2	3.0	8.3	-
2819	Miscellaneous industrial inorganic chemicals.....	116	100.0	3.7	8.6	7.0	33.6	31.4	7.1	8.6	-
282	Plastic materials and plasticizers, synthetic resins, rubbers, and fibers.	88	100.0	2.0	2.3	12.3	47.2	16.6	2.1	17.5	-
2821	Plastic materials and plasticizers, synthetic resins, rubbers, and fibers.	88	100.0	2.0	2.3	12.3	47.2	16.6	2.1	17.5	-
30	Rubber and miscellaneous plastics products.....	67	100.0	3.4	4.2	5.4	24.3	42.1	11.9	8.7	-
307	Miscellaneous plastic products.....	54	100.0	4.2	4.8	5.3	26.3	36.9	14.1	8.4	-
3071	Miscellaneous plastic products.....	54	100.0	4.2	4.8	5.3	26.3	36.9	14.1	8.4	-
33	Primary metal products.....	370	100.0	.9	5.0	17.4	27.5	41.5	1.3	6.4	-
34	Fabricated metal products.....	111	100.0	1.0	5.0	12.5	24.2	40.5	6.5	10.3	-

¹Code letter indicates a sampling variability range as follows: a, 0-9 percent; b, 10-19 percent; c, 20-29 percent; and d, 30-50 percent. The variability for ton-miles has not been estimated.

TABLE 3. Percent Distribution of Commodities, by Geographic Division of Destination: 1967

TCC code	Commodity	Number	Percent distribution by geographic division ¹ of destination										Sampling variability code ³
			All means of transport	New England	Middle Atlantic	East North Central	West North Central	South Atlantic	East South Central	West South Central	Mountain	Pacific ²	
	TONS OF SHIPMENTS	(thous. of tons)											
	Virginia, total.....	20,565	100.0	14.9	12.2	7.7	0.9	57.9	4.4	0.8	0.2	1.0	-
20	Food and kindred products.....	1,677	100.0	1.3	25.5	3.7	.5	64.5	2.0	.9	-	1.6	c
201	Meat, poultry, and small game; fresh, chilled or frozen.....	468	100.0	.4	28.2	.7	1.3	67.0	.7	.2	-	1.5	d
203	Canned and preserved fruits, vegetables, and seafoods.....	297	100.0	3.8	17.3	8.0	.8	58.9	6.8	2.8	-	1.6	d
21	Tobacco products.....	443	100.0	10.1	14.6	4.1	3.5	48.9	.2	.3	1.7	16.6	c
211	Cigarettes.....	332	100.0	13.0	18.6	4.1	4.1	35.8	.2	.3	2.3	21.6	b
2111	Cigarettes.....	332	100.0	13.0	18.6	4.1	4.1	35.8	.2	.3	2.3	21.6	b
22	Basic textiles.....	559	100.0	10.7	15.4	2.2	1.1	56.5	11.2	1.3	.3	1.3	a
228	Thread and yarn (cotton, wool, silk, and man-made fiber).....	334	100.0	5.0	15.5	.5	.7	69.6	7.5	.9	-	.3	a
2281	Yarn.....	334	100.0	5.0	15.5	.5	.7	69.6	7.5	.9	-	.3	a
23	Apparel, including knit apparel, and other finished textile products.....	79	100.0	32.8	17.2	11.4	6.4	15.7	2.3	7.4	1.6	5.2	d
25	Furniture and fixtures.....	333	100.0	6.1	28.5	14.6	4.6	15.5	4.9	9.6	2.3	13.9	d
251	Household and office furniture.....	299	100.0	6.8	27.6	16.1	5.2	15.9	3.0	7.4	2.5	15.5	d
26	Pulp, paper, and allied products.....	2,984	100.0	8.3	29.8	14.7	2.0	37.6	5.5	1.6	.2	.3	c
263	Paperboard, fiberboard, and pulpboard (except insulating board).....	1,932	100.0	8.0	33.2	16.8	1.3	36.1	3.4	1.0	-	.2	d
2631	Paperboard, fiberboard, and pulpboard (except insulating board).....	1,932	100.0	8.0	33.2	16.8	1.3	36.1	3.4	1.0	-	.2	d
28	Chemicals and allied products.....	3,524	100.0	2.2	6.5	2.5	.2	82.4	5.3	.4	.1	.4	d
281	Industrial chemicals.....	985	100.0	4.2	12.8	6.0	.5	55.5	18.3	1.4	.3	1.0	b
2819	Miscellaneous industrial inorganic chemicals.....	329	100.0	11.2	21.1	5.4	1.2	51.8	3.9	3.0	1.0	1.4	c
282	Plastic materials and plasticizers, synthetic resins, rubbers, and fibers..	232	100.0	7.0	22.0	4.9	-	60.1	2.3	.7	-	3.0	a
2821	Plastic materials and plasticizers, synthetic resins, rubbers, and fibers..	232	100.0	7.0	22.0	4.9	-	60.1	2.3	.7	-	3.0	a
30	Rubber and miscellaneous plastics products.....	153	100.0	7.1	12.9	9.6	15.1	37.5	11.8	4.0	.4	1.6	c
307	Miscellaneous plastic products.....	128	100.0	7.0	10.7	10.9	11.7	42.8	10.6	4.6	.3	1.4	c
3071	Miscellaneous plastic products.....	128	100.0	7.0	10.7	10.9	11.7	42.8	10.6	4.6	.3	1.4	c
33	Primary metal products.....	954	100.0	.7	5.5	63.4	1.1	24.7	2.3	1.0	1.1	.2	c
34	Fabricated metal products.....	266	100.0	4.8	26.3	18.7	3.4	38.2	4.1	2.5	.1	1.9	d

See footnotes at end of table.

TABLE 3. Percent Distribution of Commodities, by Geographic Division of Destination: 1967--Continued

TCC code	Commodity	Number	Percent distribution by geographic division ¹ of destination										Sampling variability code ³
			All means of transport	New England	Middle Atlantic	East North Central	West North Central	South Atlantic	East South Central	West South Central	Mountain	Pacific ²	
	TONS-MILES OF SHIPMENTS	(millions of ton-miles)											
	Virginia, total.....	5,397	100.0	21.4	13.6	13.0	2.8	31.3	4.6	3.4	1.2	8.7	-
20	Food and kindred products.....	436	100.0	2.4	28.3	7.3	1.7	38.4	3.2	4.0	-	14.7	-
201	Meat, poultry, and small game; fresh, chilled or frozen.....	92	100.0	.7	39.6	1.5	5.7	32.8	1.5	1.2	-	17.0	-
203	Canned and preserved fruits, vegetables, and seafoods.....	107	100.0	4.8	11.8	8.7	2.1	44.3	9.8	8.1	-	10.4	-
21	Tobacco products.....	304	100.0	6.1	6.3	2.4	4.7	15.5	.2	.5	3.8	60.5	-
211	Cigarettes.....	279	100.0	6.4	6.6	1.7	4.5	12.0	.1	.3	4.1	64.3	-
2111	Cigarettes.....	279	100.0	6.4	6.6	1.7	4.5	12.0	.1	.3	4.1	64.3	-
22	Basic textiles.....	206	100.0	18.3	13.6	2.5	2.5	36.3	14.0	3.4	1.5	7.9	-
228	Thread and yarn (cotton, wool, silk, and man-made fiber).....	103	100.0	9.0	17.3	.8	1.9	54.9	11.2	2.5	-	2.4	-
2281	Yarn.....	103	100.0	9.0	17.3	.8	1.9	54.9	11.2	2.5	-	2.4	-
23	Apparel, including knit apparel, and other finished textile products.....	49	100.0	29.9	10.3	8.5	8.3	5.4	1.6	12.2	4.7	19.1	-
25	Furniture and fixtures.....	242	100.0	4.2	12.8	9.2	5.4	4.9	3.6	13.3	4.9	41.7	-
251	Household and office furniture.....	223	100.0	4.6	12.4	9.9	5.8	4.9	1.3	10.6	5.3	45.2	-
26	Pulp, paper, and allied products.....	990	100.0	12.5	25.8	20.9	5.0	21.0	6.8	5.3	.9	1.8	-
263	Paperboard, fiberboard, and pulpboard (except insulating board).....	597	100.0	12.2	30.3	24.1	2.9	21.9	3.4	3.1	.2	1.9	-
2631	Paperboard, fiberboard, and pulpboard (except insulating board).....	597	100.0	12.2	30.3	24.1	2.9	21.9	3.4	3.1	.2	1.9	-
28	Chemicals and allied products.....	826	100.0	5.4	9.0	4.9	.5	68.5	4.7	1.8	.5	4.7	-
281	Industrial chemicals.....	281	100.0	9.4	15.5	10.1	1.4	36.7	12.4	4.6	1.6	8.3	-
2819	Miscellaneous industrial inorganic chemicals.....	116	100.0	20.7	20.3	8.7	2.9	22.8	4.2	8.0	3.8	8.6	-
282	Plastic materials and plasticizers, synthetic resins, rubbers, and fibers..	88	100.0	9.1	16.4	6.4	.1	45.0	3.4	2.1	-	17.5	-
2821	Plastic materials and plasticizers, synthetic resins, rubbers, and fibers..	88	100.0	9.1	16.4	6.4	.1	45.0	3.4	2.1	-	17.5	-
30	Rubber and miscellaneous plastics products.....	67	100.0	7.2	8.3	10.6	23.9	15.5	13.7	10.9	1.3	8.6	-
307	Miscellaneous plastic products.....	54	100.0	7.4	7.2	12.4	19.7	18.1	12.7	13.0	1.1	8.4	-
3071	Miscellaneous plastic products.....	54	100.0	7.4	7.2	12.4	19.7	18.1	12.7	13.0	1.1	8.4	-
33	Primary metal products.....	370	100.0	.8	4.1	70.2	2.2	11.2	2.5	2.7	5.1	1.2	-
34	Fabricated metal products.....	111	100.0	4.6	18.9	25.9	6.8	24.6	2.3	6.5	.2	10.2	-

¹For States included in the geographic divisions, see map on inside cover.

²Shipments to Alaska and Hawaii from the 48 conterminous States and the District of Columbia are included; no data were obtained for shipments originating in Alaska and Hawaii.

³Code letter indicates a sampling variability range as follows: a, 0-9 percent; b, 10-19 percent; c, 20-29 percent; and d, 30-50 percent. The variability for ton-miles has not been estimated.

WASHINGTON

SUMMARY

The estimates of tons and ton-miles are based on reports from a sample of manufacturing establishments located in the State of Washington. The total tons and ton-miles represent the total intercity shipments by essentially all manufacturing establishments in the State, except for plants with less than 20 employees. However, since data are based on a sample, the estimates necessarily are subject to "sampling variability."

The approximate degree of sampling variability for tons for each commodity or commodity class is indicated in the last column of tables 1 to 3. In general, most of the commodity data in this report are subject to substantial sampling variability and should be treated as approximate rather than precise measures.

About 27.4 million tons of commodities were shipped by plants in this State to destinations

beyond the local area. These shipments generated 23.5 billion ton-miles by all means of transport combined, and averaged about 856 straight-line miles per ton shipped.

Table B indicates that 26 percent of the tons moved 1,500 miles or more and that mileage block accounts for 64 percent of the ton-miles

Rail and water are the dominant means of transport, accounting for 45 percent and 31 percent respectively of the total tons. When measured in terms of ton-miles, rather than tons, their relative position is increased to 55 percent and 36 percent respectively.

As shown in table C, almost 80 percent of the total tons shipped by plants in Washington remained in the West. However, for some commodity groups (such as Lumber and Wood Products, and Pulp and Paper Products), a countrywide distribution is indicated.

Table A. PERCENT DISTRIBUTION OF SHIPMENTS, AND AVERAGE LENGTH OF HAUL, BY MEANS OF TRANSPORT

Means of transport	Tons	Ton-miles	Average length of haul
	(thou-sands)	(millions)	(miles)
All commodities.....	27,432	23,491	-
ALL COMMODITIES			
Percent distribu-tion			
All means of transport.....	100.0	100.0	856
Rail.....	45.2	54.8	1,038
Motor carrier.....	13.3	6.0	386
Private truck.....	10.6	2.8	226
Air.....	-	-	-
Water.....	30.6	36.3	-
All other.....	.3	.1	-

Note: Average length of haul is based on straight-line miles from plant to customer or primary redistribution point, weighted by tonnage shipped (i.e., ton-miles divided by tons). Rail short-line and highway direct-route distances average about 24 and 21 percent, respectively, longer than straight-line distances.

Table B. PERCENT DISTRIBUTION OF SHIPMENTS BY DISTANCE OF SHIPMENT

Distance shipped	Tons	Ton-miles
ALL COMMODITIES		
All distances.....	100.0	100.0
Under 100 miles.....	26.0	1.5
100 to 199 miles.....	8.9	1.4
200 to 299 miles.....	4.3	1.2
300 to 499 miles.....	2.2	1.1
500 to 999 miles.....	25.8	22.3
1,000 to 1,499 miles.....	6.7	8.9
1,500 miles and over.....	26.1	63.6

Table C. PERCENT DISTRIBUTION OF TONS OF COMMODITIES BY REGION OF DESTINATION

TCC code	Commodity class	Tons (thousands)	Percent distribution by region ¹ of destination				
			All des-tinations	North-east	North Central	South	West
	Total.....	² 27,432	100.0	6.2	8.2	6.9	78.7
20	Food and kindred products.....	3,881	100.0	4.3	5.4	1.4	88.9
24	Lumber and wood products, except furniture.....	4,453	100.0	10.5	20.5	12.7	56.3
25	Furniture and fixtures.....	142	100.0	7.5	15.4	10.2	66.9
26	Pulp, paper, and allied products.....	5,388	100.0	17.9	13.9	7.9	60.3
28	Chemicals and allied products.....	919	100.0	-	.1	.5	99.4
33	Primary metal products.....	1,265	100.0	8.1	24.7	12.6	54.6
34	Fabricated metal products.....	385	100.0	-	.8	-	99.2
35	Machinery, except electrical.....	102	100.0	1.7	7.5	10.9	79.9
36	Electrical machinery and equipment.....	6	100.0	2.0	39.8	2.6	55.6

¹See map on inside cover for areas included in the regions of the United States.

²Total includes commodities not shown separately.

TABLE 1. Percent Distribution of Commodities, by Means of Transport: 1967

TCC code	Commodity	Number	Percent distribution by means of transport								Sampling variability code ¹
			All means of transport	Rail	Motor carrier	Private truck	Air	Water	Other	Unknown	
	TONS OF SHIPMENTS	(thousands of tons)									
	Washington, total.....	27,432	100.0	45.2	13.3	10.6	-	30.6	0.2	0.1	-
20	Food and kindred products.....	3,881	100.0	52.9	21.0	25.3	-	.8	-	-	c
203	Canned and preserved fruits, vegetables, and seafoods.....	1,177	100.0	49.0	34.8	15.4	-	.8	-	-	d
2033	Canned fruits and vegetables.....	910	100.0	49.5	36.1	13.7	-	.7	-	-	d
208	Beverages and flavoring extracts.....	1,207	100.0	59.1	26.3	13.5	-	1.1	-	-	d
24	Lumber and wood products, except furniture.....	4,453	100.0	53.8	11.4	18.7	-	15.9	.1	.1	d
242	Lumber and dimension stock and miscellaneous sawmill and planing mill products.....	2,327	100.0	39.2	17.1	27.2	-	16.3	.1	.1	d
2421	Lumber and dimension stock.....	1,774	100.0	50.3	12.5	15.5	-	21.4	.1	.2	d
243	Millwork and prefabricated wood products, including plywood and veneer....	1,397	100.0	85.5	6.8	7.4	-	.2	-	.1	d
2432	Plywood, veneer, and built-up wood (except wood particle board).....	1,312	100.0	86.1	5.8	7.7	-	.2	-	.2	d
25	Furniture and fixtures.....	142	100.0	54.8	15.7	23.6	-	5.7	-	.2	d
26	Pulp, paper, and allied products.....	5,388	100.0	72.0	19.3	3.4	-	5.2	-	.1	c
261	Pulp and pulp mill products.....	1,957	100.0	91.7	.8	.8	-	6.7	-	-	b
2611	Pulp and pulp mill products.....	1,957	100.0	91.7	.8	.8	-	6.7	-	-	b
262	Paper (except building paper).....	624	100.0	51.3	44.9	2.0	-	1.1	-	.7	c
2621	Paper (except building paper).....	624	100.0	51.3	44.9	2.0	-	1.1	-	.7	c
263	Paperboard, fiberboard, and pulpboard (except insulating board).....	418	100.0	79.3	8.3	7.7	-	4.4	-	.3	c
2631	Paperboard, fiberboard, and pulpboard (except insulating board).....	418	100.0	79.3	8.3	7.7	-	4.4	-	.3	c
264	Converted paper and paperboard products (except containers and boxes)....	338	100.0	85.4	6.0	5.1	-	3.3	-	.2	a
2651	Containers, boxes, baskets, pallets and skids, paperboard, fiberboard, and pulpboard.....	445	100.0	28.6	62.3	6.8	-	2.3	-	-	d
28	Chemicals and allied products.....	919	100.0	44.6	32.3	3.4	-	15.2	3.5	1.0	c
281	Industrial chemicals.....	712	100.0	56.0	20.5	2.9	-	19.6	1.0	-	b
33	Primary metal products.....	1,265	100.0	78.1	15.0	5.0	-	1.7	.2	-	b
331	Steel works and rolling mill products..	213	100.0	51.7	13.3	27.4	-	7.6	-	-	d
332	Iron and steel castings.....	70	100.0	51.6	37.1	7.8	0.3	.5	2.7	-	d
3321	Iron and steel castings.....	70	100.0	51.6	37.1	7.8	.3	.5	2.7	-	d
333	Nonferrous metals primary smelter products (slab, ingot, pig, etc., and residues).....	695	100.0	97.3	2.1	-	-	.6	-	-	b
34	Fabricated metal products.....	385	100.0	46.4	20.6	24.6	.1	4.9	.2	3.2	d
35	Machinery, except electrical.....	102	100.0	20.4	63.2	15.2	.2	.3	.7	-	d
356	General industrial machinery and equipment.....	11	100.0	-	96.4	.1	.1	.5	2.9	-	d
36	Electrical machinery and equipment.....	6	100.0	-	77.8	11.8	8.8	-	1.6	-	d

See footnote at end of table.

TABLE 1. Percent Distribution of Commodities, by Means of Transport: 1967--Continued

TCC code	Commodity	Number	Percent distribution by means of transport								Sampling variability code ¹
			All means of transport	Rail	Motor carrier	Private truck	Air	Water	Other	Unknown	
	TON-MILES OF SHIPMENTS	(millions of ton-miles)									
	Washington, total.....	23,491	100.0	54.8	6.0	2.8	-	36.3	-	0.1	-
20	Food and kindred products.....	2,065	100.0	76.6	15.3	5.0	0.1	3.0	-	-	-
203	Canned and preserved fruits, vegetables, and seafoods.....	1,001	100.0	74.8	18.4	5.5	-	1.3	-	-	-
2033	Canned fruits and vegetables.....	692	100.0	77.1	17.5	4.0	-	1.4	-	-	-
208	Beverages and flavoring extracts.....	582	100.0	73.5	17.5	2.4	-	6.6	-	-	-
24	Lumber and wood products, except furniture.....	4,944	100.0	73.7	6.5	9.0	-	10.7	-	.1	-
242	Lumber and dimension stock and miscellaneous sawmill and planing mill products.....	2,585	100.0	53.9	11.3	16.4	-	18.4	-	-	-
2421	Lumber and dimension stock.....	1,997	100.0	68.7	6.3	1.2	-	23.8	-	-	-
243	Millwork and prefabricated wood products, including plywood and veneer....	2,193	100.0	98.2	.8	.4	-	.4	-	.2	-
2432	Plywood, veneer, and built-up wood (except wood particle board).....	2,071	100.0	98.5	.5	.4	-	.4	-	.2	-
25	Furniture and fixtures.....	127	100.0	78.8	5.4	3.3	-	12.5	-	-	-
26	Pulp, paper, and allied products.....	6,520	100.0	86.7	7.0	.4	.1	5.7	-	.1	-
261	Pulp and pulp mill products.....	3,664	100.0	99.4	-	.1	-	.5	-	-	-
2611	Pulp and pulp mill products.....	3,644	100.0	99.4	-	.1	-	.5	-	-	-
262	Paper (except building paper).....	461	100.0	62.6	31.8	.6	-	4.2	-	.8	-
2621	Paper (except building paper).....	461	100.0	62.6	31.8	.6	-	4.2	-	.8	-
263	Paperboard, fiberboard, and pulpboard (except insulating board).....	248	100.0	95.5	2.4	1.2	-	.6	-	.3	-
2631	Paperboard, fiberboard, and pulpboard (except insulating board).....	248	100.0	95.5	2.4	1.2	-	.6	-	.3	-
264	Converted paper and paperboard products (except containers and boxes)....	245	100.0	81.0	2.2	2.8	-	13.7	-	.3	-
2651	Containers, boxes, baskets, pallets and skids, paperboard, fiberboard, and pulpboard.....	127	100.0	30.9	47.6	1.5	-	20.0	-	-	-
28	Chemicals and allied products.....	211	100.0	43.4	26.4	3.7	.1	22.3	3.0	1.1	-
281	Industrial chemicals.....	165	100.0	53.1	16.5	1.5	-	28.1	.4	.4	-
33	Primary metal products.....	1,336	100.0	92.6	6.2	.3	-	.8	.1	-	-
331	Steel works and rolling mill products..	31	100.0	38.3	19.1	12.3	-	30.3	-	-	-
332	Iron and steel castings.....	36	100.0	79.0	14.8	1.2	1.3	2.0	1.6	.1	-
3321	Iron and steel castings.....	36	100.0	79.0	14.8	1.2	1.3	2.0	1.6	.1	-
333	Nonferrous metals primary smelter products (slab, ingot, pig, etc., and residues).....	1,009	100.0	99.1	.9	-	-	-	-	-	-
34	Fabricated metal products.....	134	100.0	63.8	11.2	8.3	.1	13.9	-	2.7	-
35	Machinery, except electrical.....	84	100.0	24.5	71.1	3.0	.3	.7	.4	-	-
356	General industrial machinery and equipment.....	18	100.0	-	97.9	-	.1	.6	1.4	-	-
36	Electrical machinery and equipment.....	6	100.0	-	83.9	5.1	10.2	-	.8	-	-

¹Code letter indicates a sampling variability range as follows: a, 0-9 percent; b, 10-19 percent; c, 20-29 percent; and d, 30-50 percent. The variability for ton-miles has not been estimated.

TABLE 2. Percent Distribution of Commodities, by Distance of Shipment: 1967

TCC code	Commodity	Number	Percent distribution by distance of shipment								Sampling variability code ¹
			All distances	Under 100 miles	100 to 199 miles	200 to 299 miles	300 to 499 miles	500 to 999 miles	1,000 to 1,499 miles	1,500 miles or over	
	TONS OF SHIPMENTS	(thousands of tons)									
	Washington, total.....	27,432	100.0	26.0	8.9	4.3	2.2	25.8	6.7	26.1	-
20	Food and kindred products.....	3,881	100.0	31.9	14.0	9.0	2.2	29.8	2.6	10.5	c
203	Canned and preserved fruits, vegetables, and seafoods.....	1,177	100.0	12.1	15.9	3.3	2.6	37.8	6.4	21.9	d
2033	Canned fruits and vegetables.....	910	100.0	12.8	17.1	3.8	2.7	43.2	5.6	14.8	d
208	Beverages and flavoring extracts.....	1,207	100.0	33.0	20.0	6.6	2.9	26.6	1.7	9.2	d
24	Lumber and wood products, except furniture.....	4,453	100.0	24.0	9.6	.9	.5	8.0	18.3	38.7	d
242	Lumber and dimension stock and miscellaneous sawmill and planing mill products.....	2,327	100.0	19.8	6.2	.9	.2	11.7	29.7	31.5	d
2421	Lumber and dimension stock.....	1,774	100.0	25.0	8.1	1.1	.3	14.0	10.8	40.7	d
243	Millwork and prefabricated wood products, including plywood and veneer....	1,397	100.0	14.5	1.3	1.2	1.3	5.6	8.9	67.2	d
2432	Plywood, veneer, and built-up wood (except wood particle board).....	1,312	100.0	14.5	1.1	1.0	1.3	5.5	8.9	67.7	d
25	Furniture and fixtures.....	142	100.0	30.6	11.1	9.2	3.2	6.5	2.6	36.8	d
26	Pulp, paper, and allied products.....	5,388	100.0	13.8	7.2	2.4	1.3	27.5	6.7	41.1	c
261	Pulp and pulp mill products.....	1,957	100.0	7.3	1.5	.9	.1	5.5	2.4	82.3	b
2611	Pulp and pulp mill products.....	1,957	100.0	7.3	1.5	.9	.1	5.5	2.4	82.3	b
262	Paper (except building paper).....	624	100.0	17.7	3.4	4.2	1.3	56.1	9.1	8.2	c
2621	Paper (except building paper).....	624	100.0	17.7	3.4	4.2	1.3	56.1	9.1	8.2	c
263	Paperboard, fiberboard, and pulpboard (except insulating board).....	418	100.0	19.3	14.3	1.4	.1	53.5	6.8	4.6	c
2631	Paperboard, fiberboard, and pulpboard (except insulating board).....	418	100.0	19.3	14.3	1.4	.1	53.5	6.8	4.6	c
264	Converted paper and paperboard products (except containers and boxes)....	338	100.0	24.4	12.4	4.5	.4	30.4	16.7	11.2	a
2651	Containers, boxes, baskets, pallets and skids, paperboard, fiberboard, and pulpboard.....	445	100.0	32.1	37.4	2.4	6.0	19.7	.2	2.2	d
28	Chemicals and allied products.....	919	100.0	51.0	23.6	9.0	6.2	5.9	1.6	2.7	c
281	Industrial chemicals.....	712	100.0	54.2	22.6	7.0	5.7	6.0	1.0	3.5	c
33	Primary metal products.....	1,265	100.0	17.8	6.9	9.0	1.7	15.7	6.1	42.8	c
331	Steel works and rolling mill products..	213	100.0	61.9	12.4	19.8	-	3.8	-	2.1	b
332	Iron and steel castings.....	70	100.0	40.8	6.9	3.7	27.1	4.9	.1	16.5	b
3321	Iron and steel castings.....	70	100.0	40.8	6.9	3.7	27.1	4.9	.1	16.5	b
333	Nonferrous metals primary smelter products (slab, ingot, pig, etc., and residues).....	695	100.0	6.0	4.0	5.8	.2	12.7	6.3	65.0	c
34	Fabricated metal products.....	385	100.0	44.6	14.2	5.3	1.1	30.2	.4	4.2	b
35	Machinery, except electrical.....	102	100.0	5.8	15.8	7.2	9.8	40.7	1.8	18.9	b
356	General industrial machinery and equipment.....	11	100.0	4.4	1.1	.5	-	26.1	.3	67.6	b
36	Electrical machinery and equipment.....	6	100.0	8.2	4.4	5.1	9.3	31.7	.1	40.9	b

See footnote at end of table.

TABLE 2. Percent Distribution of Commodities, by Distance of Shipment: 1967--Continued

TCC code	Commodity	Number	Percent distribution by distance of shipment								Sampling variability code ¹
			All distances	Under 100 miles	100 to 199 miles	200 to 299 miles	300 to 499 miles	500 to 999 miles	1,000 to 1,499 miles	1,500 miles or over	
	TON-MILES OF SHIPMENTS	(millions of ton-miles)									
	Washington, total.....	23,491	100.0	1.5	1.4	1.2	1.1	22.3	8.9	63.6	-
20	Food and kindred products.....	2,065	100.0	2.6	3.5	4.3	1.7	41.7	6.1	40.1	-
203	Canned and preserved fruits, vegetables, and seafoods.....	1,001	100.0	.7	2.5	.9	1.2	33.8	9.6	51.3	-
2033	Canned fruits and vegetables.....	692	100.0	.8	3.0	1.2	1.4	43.2	9.6	40.8	-
208	Beverages and flavoring extracts.....	582	100.0	4.6	5.5	3.3	2.5	37.7	3.6	42.8	-
24	Lumber and wood products, except furniture.....	4,944	100.0	.7	1.3	.2	.2	6.1	19.6	71.9	-
242	Lumber and dimension stock and miscellaneous sawmill and planing mill products.....	2,585	100.0	.7	.7	.2	.1	9.3	31.0	58.0	-
2421	Lumber and dimension stock.....	1,997	100.0	.8	1.0	.3	.1	11.0	12.6	74.2	-
243	Millwork and prefabricated wood products, including plywood and veneer....	2,193	100.0	.4	.1	.2	.3	2.7	7.5	88.8	-
2432	Plywood, veneer and built-up wood (except wood particle board).....	2,071	100.0	.4	.1	.2	.3	2.6	7.4	89.0	-
25	Furniture and fixtures.....	127	100.0	1.2	1.8	2.5	1.4	5.1	4.2	83.8	-
26	Pulp, paper, and allied products.....	6,520	100.0	.7	.8	.5	.5	17.6	6.4	73.5	-
261	Pulp and pulp mill products.....	3,664	100.0	.3	.1	.1	-	2.6	1.7	95.2	-
2611	Pulp and pulp mill products.....	3,664	100.0	.3	.1	.1	-	2.6	1.7	95.2	-
262	Paper (except building paper).....	461	100.0	1.2	.6	1.5	.8	59.9	13.7	22.3	-
2621	Paper (except building paper).....	461	100.0	1.2	.6	1.5	.8	59.9	13.7	22.3	-
263	Paperboard, fiberboard, and pulpboard (except insulating board).....	248	100.0	1.8	3.3	.6	-	67.8	13.0	13.5	-
2631	Paperboard, fiberboard, and pulpboard (except insulating board).....	248	100.0	1.8	3.3	.6	-	67.8	13.0	13.5	-
264	Converted paper and paperboard products (except containers and boxes)....	245	100.0	1.6	2.7	1.5	.2	34.1	26.6	33.3	-
2651	Containers, boxes, baskets, pallets and skids, paperboard, fiberboard, and pulpboard.....	127	100.0	6.1	17.0	2.2	8.5	45.3	.9	20.0	-
28	Chemicals and allied products.....	211	100.0	12.9	14.0	10.0	10.2	19.5	7.5	25.9	-
281	Industrial chemicals.....	165	100.0	13.8	12.5	7.9	9.5	19.6	4.5	32.2	-
33	Primary metal products.....	1,336	100.0	.8	.8	2.1	.6	11.4	6.9	77.4	-
331	Steel works and rolling mill products..	31	100.0	13.8	11.7	31.1	-	14.1	-	29.3	-
332	Iron and steel castings.....	36	100.0	2.5	1.6	1.7	20.5	6.6	.2	66.9	-
3321	Iron and steel castings.....	36	100.0	2.5	1.6	1.7	20.5	6.6	.2	66.9	-
333	Nonferrous metals primary smelter products (slab, ingot, pig, etc., and residues).....	1,009	100.0	.4	.3	1.0	.1	7.4	4.9	85.9	-
34	Fabricated metal products.....	134	100.0	5.4	6.0	3.5	1.1	59.4	1.5	23.1	-
35	Machinery, except electrical.....	84	100.0	.3	3.3	1.9	4.0	40.0	3.1	47.4	-
356	General industrial machinery and equipment.....	18	100.0	.1	.1	.1	-	13.4	.2	86.1	-
36	Electrical machinery and equipment.....	6	100.0	.2	.7	1.1	3.4	20.4	.5	73.7	-

¹Code letter indicates a sampling variability range as follows: a, 0-9 percent; b, 10-19 percent; c, 20-29 percent; and d, 30-50 percent. The variability for ton-miles has not been estimated.

TABLE 3. Percent Distribution of Commodities, by Geographic Division of Destination: 1967

TCC code	Commodity	Number	Percent distribution by geographic division ¹ of destination										Sampling variability code ³
			All means of transport	New England	Middle Atlantic	East North Central	West North Central	South Atlantic	East South Central	West South Central	Mountain	Pacific ²	
	TONS OF SHIPMENTS	(thous. of tons)											
	Washington, total.....	27,432	100.0	0.8	5.4	5.7	2.5	1.7	3.7	1.5	4.3	74.4	-
20	Food and kindred products.....	3,881	100.0	.8	3.5	3.2	2.2	.5	.1	.8	6.2	82.7	c
203	Canned and preserved fruits, vegetables, and seafoods.....	1,177	100.0	2.6	6.4	5.1	7.3	1.7	.2	2.2	10.3	64.2	d
2033	Canned fruits and vegetables.....	910	100.0	2.2	5.7	5.4	3.2	.5	.2	.5	12.0	70.3	d
208	Beverages and flavoring extracts.....	1,207	100.0	-	4.9	3.2	-	-	-	-	6.6	85.3	d
24	Lumber and wood products, except furniture.....	4,453	100.0	2.3	8.2	10.6	9.9	5.4	2.8	4.5	2.9	53.4	d
242	Lumber and dimension stock and miscellaneous sawmill and planing mill products.....	2,327	100.0	1.5	7.1	10.2	10.3	4.3	2.0	3.0	3.3	58.3	d
2421	Lumber and dimension stock.....	1,774	100.0	2.0	9.3	13.4	13.1	5.7	2.5	3.8	4.3	45.9	d
243	Millwork and prefabricated wood products, including plywood and veneer.....	1,397	100.0	4.6	12.3	16.5	14.6	10.0	5.7	9.1	3.7	23.5	d
2432	Plywood, veneer, and built-up wood (except wood particle board).....	1,312	100.0	4.6	12.6	17.2	14.8	9.5	5.9	8.8	3.5	23.1	d
25	Furniture and fixtures.....	142	100.0	.6	6.9	10.6	4.8	5.0	1.5	3.7	5.9	61.0	d
26	Pulp, paper, and allied products.....	5,388	100.0	1.7	16.2	12.3	1.6	2.7	2.8	2.4	8.7	51.6	c
261	Pulp and pulp mill products.....	1,957	100.0	4.6	38.3	25.0	1.4	7.0	5.1	2.7	-	15.9	b
2611	Pulp and pulp mill products.....	1,957	100.0	4.6	38.3	25.0	1.4	7.0	5.1	2.7	-	15.9	b
262	Paper (except building paper).....	624	100.0	.4	.8	3.8	1.1	-	1.1	1.5	12.7	78.6	c
2621	Paper (except building paper).....	624	100.0	.4	.8	3.8	1.1	-	1.0	1.5	12.7	78.7	c
263	Paperboard, fiberboard, and pulpboard (except insulating board).....	418	100.0	-	.2	3.6	2.5	-	-	-	6.6	87.1	c
2631	Paperboard, fiberboard, and pulpboard (except insulating board).....	418	100.0	-	.2	3.6	2.5	-	-	-	6.6	87.1	c
264	Converted paper and paperboard products (except containers and boxes).....	338	100.0	-	.5	2.3	3.8	-	-	5.4	6.3	81.7	a
2651	Containers, boxes, baskets, pallets and skids, paperboard, fiberboard, and pulpboard.....	445	100.0	-	-	-	.2	-	-	-	11.1	88.7	d
28	Chemicals and allied products.....	919	100.0	-	-	.1	-	.5	-	-	13.4	86.0	c
281	Industrial chemicals.....	712	100.0	-	-	-	-	.7	-	-	13.4	85.9	c
33	Primary metal products.....	1,265	100.0	.2	7.9	21.1	3.6	3.6	5.5	3.5	4.3	50.3	c
331	Steel works and rolling mill products...	213	100.0	-	-	-	-	-	-	-	3.8	96.2	d
332	Iron and steel castings.....	70	100.0	-	6.3	2.4	-	.1	3.5	3.7	27.3	56.7	d
3321	Iron and steel castings.....	70	100.0	-	6.3	2.4	-	.1	3.5	3.7	27.3	56.7	d
333	Nonferrous metals primary smelter products (slab, ingot, pig, etc., and residues).....	695	100.0	.2	12.3	32.8	3.2	6.0	9.5	2.2	2.1	31.7	c
34	Fabricated metal products.....	385	100.0	-	-	.4	.4	-	-	-	8.6	90.6	d
35	Machinery, except electrical.....	102	100.0	1.2	.5	5.9	1.6	5.2	1.8	3.9	38.8	41.1	c
356	General industrial machinery and equipment.....	11	100.0	7.8	2.9	1.6	-	19.4	-	35.9	18.2	14.2	d
36	Electrical machinery and equipment.....	6	100.0	-	2.0	36.1	3.7	.8	1.0	.8	22.0	33.6	d

See footnotes at end of table.

TABLE 3. Percent Distribution of Commodities, by Geographic Division of Destination: 1967--Continued

TCC code	Commodity	Number	Percent distribution by geographic division ¹ of destination										Sampling variability code ³
			All means of transport	New England	Middle Atlantic	East North Central	West North Central	South Atlantic	East South Central	West South Central	Mountain	Pacific ²	
	TON-MILES OF SHIPMENTS	(millions of ton-miles)											
	Washington, total.....	23,491	100.0	2.4	14.9	11.7	4.2	4.6	9.2	3.2	3.4	46.4	-
20	Food and kindred products..	2,065	100.0	3.6	15.6	10.2	6.1	2.3	.4	2.3	6.7	52.8	-
203	Canned and preserved fruits, vegetables, and seafoods.....	1,001	100.0	7.5	17.1	10.5	12.5	4.5	.5	4.0	8.3	35.1	-
2033	Canned fruits and vegetables.....	692	100.0	7.2	17.5	12.3	6.0	1.5	.4	.9	10.9	43.3	-
208	Beverages and flavoring extracts.....	582	100.0	-	24.9	11.2	-	-	-	-	7.5	56.4	-
24	Lumber and wood products, except furniture.....	4,944	100.0	5.0	17.3	16.9	13.1	11.4	5.3	7.4	2.1	21.5	-
242	Lumber and dimension stock and miscellaneous sawmill and planing mill products.....	2,585	100.0	3.3	15.0	16.2	12.8	9.0	3.4	4.7	2.3	33.3	-
2421	Lumber and dimension stock.....	1,997	100.0	4.3	19.5	21.0	15.9	11.6	4.4	5.9	3.0	14.4	-
243	Millwork and prefabricated wood products, including plywood and veneer....	2,193	100.0	7.3	18.6	19.1	14.5	15.0	7.8	10.9	1.9	4.9	-
2432	Plywood, veneer, and built-up wood (except wood particle board).....	2,071	100.0	7.3	18.9	19.6	14.7	14.2	8.0	10.5	1.9	4.9	-
25	Furniture and fixtures.....	127	100.0	1.8	19.0	21.3	8.1	13.3	3.2	7.3	3.2	22.8	-
26	Pulp, paper, and allied products.....	6,520	100.0	3.5	31.6	18.3	1.9	5.1	4.9	3.6	6.0	25.1	-
261	Pulp and pulp mill products.....	3,664	100.0	6.0	48.2	23.7	1.2	8.6	6.0	2.8	-	3.5	-
2611	Pulp and pulp mill products.....	3,664	100.0	6.0	48.2	23.7	1.2	8.6	6.0	2.8	-	3.5	-
262	Paper (except building paper).....	461	100.0	1.4	2.4	8.9	2.1	-	2.8	3.2	12.7	66.5	-
2621	Paper (except building paper).....	461	100.0	1.4	2.4	8.9	2.1	-	2.8	3.2	12.7	66.5	-
263	Paperboard, fiberboard, and pulpboard (except insulating board).....	248	100.0	-	.9	10.6	5.8	-	-	-	10.2	72.5	-
2631	Paperboard, fiberboard, and pulpboard (except insulating board).....	248	100.0	-	.9	10.6	5.8	-	-	-	10.2	72.5	-
264	Converted paper and paperboard products (except insulating board).....	245	100.0	-	1.5	5.9	7.3	-	-	12.7	8.7	63.9	-
2651	Containers, boxes, baskets, pallets and skids, paperboard, fiberboard, and pulpboard.....	127	100.0	-	-	-	.9	-	-	-	20.1	79.0	-
28	Chemicals and allied products.....	211	100.0	-	-	.6	-	5.2	-	-	24.5	69.7	-
281	Industrial chemicals.....	165	100.0	-	-	.4	-	6.6	-	-	24.2	68.8	-
33	Primary metal products.....	1,336	100.0	.6	17.2	35.0	4.9	7.3	10.2	5.4	2.6	16.8	-
331	Steel works and rolling mill products..	31	100.0	-	-	-	-	-	-	-	14.1	85.9	-
332	Iron and steel castings.....	36	100.0	-	28.3	9.5	.1	.5	13.6	13.1	20.8	14.1	-
3321	Iron and steel castings.....	36	100.0	-	28.3	9.5	.1	.5	13.6	13.1	20.8	14.1	-
333	Nonferrous metals primary smelter products (slab, ingot, pig, etc., and residues).....	1,009	100.0	.3	19.7	39.7	3.4	8.8	12.9	2.5	1.4	11.3	-
34	Fabricated metal products.....	134	100.0	-	.1	1.9	1.5	-	-	-	5.9	90.6	-
35	Machinery, except electrical.....	84	100.0	3.7	1.4	13.7	2.8	14.9	4.4	8.5	31.2	19.4	-
356	General industrial machinery and equipment.....	18	100.0	12.0	4.1	1.8	-	28.1	-	40.1	9.3	4.6	-
36	Electrical machinery and equipment.....	6	100.0	.1	4.7	63.5	3.7	1.9	1.8	1.4	11.2	11.7	-

¹For States included in the geographic divisions, see map on inside cover.²Shipments to Alaska and Hawaii from the 48 conterminous States and the District of Columbia are included; no data were obtained for shipments originating in Alaska and Hawaii.³Code letter indicates a sampling variability range as follows: a, 0-9 percent; b, 10-19 percent; c, 20-29 percent; and d, 30-50 percent. The variability for ton-miles has not been estimated.

WISCONSIN

SUMMARY

The estimates of tons and ton-miles are based on reports from a sample of manufacturing establishments located in the State of Wisconsin. The total tons and ton-miles represent the total intercity shipments by essentially all manufacturing establishments in the State, except for plants with less than 20 employees. However, since the data are based on a sample, the estimates necessarily are subject to "sampling variability."

The approximate degree of sampling variability for tons for each commodity or commodity class is indicated in the last column of tables 1 to 3. In general, most of the commodity data in this report are subject to substantial sampling variability and should be treated as approximate rather than precise measures.

About 26.5 million tons of commodities were shipped by plants in this State to destinations beyond the local area. These shipments gener-

ated 10.9 billion ton-miles by all means of transport combined, and averaged about 411 straight-line miles per ton shipped.

Table B indicates that about one-fourth of the tons moved between 500 and 999 miles and that mileage block accounts for 44 percent of the ton-miles.

Rail is the dominant means of transport, accounting for 53 percent of the total tons. When measured in terms of ton-miles rather than tons, rail is still dominant, accounting for slightly more than 68 percent of the total ton-miles.

As shown in table C, almost 70 percent of the total tons shipped by plants in Wisconsin remained in the North Central Region. However, for some commodity groups (such as Leather and Leather Products and Electrical Machinery and Equipment) a more widespread distribution is indicated.

Table A. PERCENT DISTRIBUTION OF SHIPMENTS, AND AVERAGE LENGTH OF HAUL, BY MEANS OF TRANSPORT

Means of transport	Tons	Ton-miles	Average length of haul
	(thousands)	(millions)	(miles)
All commodities.....	26,477	10,877	-
ALL COMMODITIES	Percent distribution		
All means of transport.....	100.0	100.0	411
Rail.....	53.0	68.3	529
Motor carrier.....	33.3	24.1	297
Private truck.....	13.1	6.5	204
Air.....	-	.1	-
Water.....	.1	.2	-
All other.....	.5	.8	-

Note: Average length of haul is based on straight-line miles from plant to customer or primary redistribution point, weighted by tonnage shipped (i.e., ton-miles divided by tons). Rail short-line and highway direct-route distances average about 24 and 21 percent, respectively, longer than straight-line distances.

Table B. PERCENT DISTRIBUTION OF SHIPMENTS BY DISTANCE OF SHIPMENT

Distance shipped	Tons	Ton-miles
ALL COMMODITIES		
All distances.....	100.0	100.0
Under 100 miles.....	19.0	2.9
100 to 199 miles.....	20.5	7.7
200 to 299 miles.....	14.5	8.7
300 to 499 miles.....	15.1	14.4
500 to 999 miles.....	24.5	43.7
1,000 to 1,499 miles.....	3.1	8.6
1,500 miles and over.....	3.3	14.0

Table C. PERCENT DISTRIBUTION OF TONS OF COMMODITIES BY REGION OF DESTINATION

TCC code	Commodity class	Tons (thousands)	Percent distribution by region ¹ of destination				
			All destinations	North-east	North Central	South	West
	Total.....	² 26,477	100.0	14.5	69.9	11.2	4.4
20	Food and kindred products.....	13,327	100.0	19.0	67.5	11.0	2.5
24	Lumber and wood products, except furniture.....	865	100.0	15.9	72.3	10.8	1.0
25	Furniture and fixtures.....	104	100.0	7.1	73.7	14.0	5.2
26	Pulp, paper, and allied products.....	4,211	100.0	9.6	74.0	10.5	5.9
28	Chemicals and allied products.....	705	100.0	16.8	63.6	12.3	7.3
30	Rubber and miscellaneous plastics products.....	119	100.0	19.3	63.4	13.6	3.7
31	Leather and leather products.....	36	100.0	34.2	33.4	18.5	13.9
33	Primary metal products.....	1,068	100.0	2.9	83.2	8.6	5.3
34	Fabricated metal products.....	996	100.0	10.0	66.8	14.5	8.7
35	Machinery, except electrical.....	1,456	100.0	17.2	55.3	15.9	11.6
36	Electrical machinery and equipment.....	407	100.0	17.1	41.4	33.6	7.9
37	Transportation equipment.....	1,182	100.0	10.5	64.8	13.9	10.8
38	Instruments, photographic goods, optical goods, watches, and clocks.....	27	100.0	29.2	51.0	11.9	7.9

¹See map on inside cover for areas included in the regions of the United States.

²Total includes commodities not shown separately.

TABLE 1. Percent Distribution of Commodities, by Means of Transport: 1967

TCC code	Commodity	Number	Percent distribution by means of transport								Sampling variability code ¹
			All means of transport	Rail	Motor carrier	Private truck	Air	Water	Other	Unknown	
	TONS OF SHIPMENTS	(thousands of tons)									
	Wisconsin, total.....	26,477	100.0	53.0	33.3	13.1	-	0.1	0.2	0.3	-
20	Food and kindred products.....	13,327	100.0	57.9	27.5	14.1	-	.1	-	.4	b
201	Meat, poultry, and small game; fresh, chilled or frozen.....	823	100.0	26.6	43.3	30.0	-	-	-	.1	c
2013	Meat products.....	339	100.0	15.4	65.4	19.2	-	-	-	-	b
2014	Animal byproducts, inedible.....	66	100.0	53.7	23.9	21.8	-	.6	-	-	c
202	Dairy products.....	3,279	100.0	29.5	64.4	6.1	-	-	-	-	d
2023	Condensed, evaporated, and dry milk....	1,024	100.0	58.1	30.5	11.4	-	-	-	-	d
2025	Cheese and special dairy products.....	428	100.0	38.9	50.7	10.4	-	-	-	-	d
203	Canned and preserved fruits, vegetables, and seafoods.....	1,051	100.0	51.0	16.9	32.1	-	-	-	-	d
2033	Canned fruits and vegetables.....	1,011	100.0	53.0	16.6	30.4	-	-	-	-	d
208	Beverages and flavoring extracts.....	3,571	100.0	44.3	23.5	30.1	-	.5	.1	1.5	b
2082	Malt liquors.....	2,970	100.0	38.0	28.0	31.5	-	.6	.1	1.8	a
24	Lumber and wood products, except furniture.....	865	100.0	52.6	22.3	25.1	-	-	-	-	c
243	Millwork and prefabricated wood products, including plywood and veneer...	430	100.0	63.3	24.8	11.9	-	-	-	-	d
2431	Millwork (except metal covered).....	284	100.0	70.2	19.7	10.1	-	-	-	-	d
25	Furniture and fixtures.....	104	100.0	7.9	30.2	61.8	-	-	.1	-	d
26	Pulp, paper, and allied products.....	4,211	100.0	65.5	26.2	8.2	-	-	-	.1	a
262	Paper (except building paper).....	1,967	100.0	72.6	23.1	4.2	-	-	-	.1	b
2621	Paper (except building paper).....	1,967	100.0	72.6	23.1	4.2	-	-	-	.1	b
263	Paperboard, fiberboard, and pulpboard (except insulating board).....	191	100.0	19.6	43.1	37.3	-	-	-	-	c
2631	Paperboard, fiberboard, and pulpboard (except insulating board).....	191	100.0	19.6	43.1	37.3	-	-	-	-	c
264	Converted paper and paperboard products (except containers and boxes)...	887	100.0	86.1	13.3	.2	-	-	-	.4	d
2647	Sanitary paper products.....	848	100.0	87.8	11.6	.2	-	-	-	.4	d
265	Containers, boxes and related products, paperboard, fiberboard, and pulpboard.....	675	100.0	27.4	52.9	19.5	0.2	-	-	-	d
2651	Containers, boxes, baskets, pallets and skids, paperboard, fiberboard, and pulpboard.....	592	100.0	27.8	56.4	15.6	.2	-	-	-	d
28	Chemicals and allied products.....	705	100.0	42.6	52.8	4.5	-	-	.1	-	d
285	Paints, varnishes, lacquers, enamels, and allied products.....	55	100.0	5.6	77.1	17.3	-	-	-	-	c
2851	Paints, varnishes, lacquers, enamels, and allied products.....	.55	100.0	5.6	77.1	17.3	-	-	-	-	c
30	Rubber and miscellaneous plastics products.....	119	100.0	30.4	60.8	8.6	-	-	.2	-	d
31	Leather and leather products.....	36	100.0	16.0	56.9	20.2	1.0	.1	5.8	-	d
33	Primary metal products.....	1,068	100.0	25.7	59.6	14.7	-	-	-	-	c
332	Iron and steel castings.....	478	100.0	7.1	68.6	24.2	-	-	-	.1	c
3321	Iron and steel castings.....	478	100.0	7.1	68.6	24.2	-	-	-	.1	c

See footnote at end of table.

TABLE 1. Percent Distribution of Commodities, by Means of Transport: 1967--Continued

TCC code	Commodity	Number	Percent distribution by means of transport								Sampling variability code ¹
			All means of transport	Rail	Motor carrier	Private truck	Air	Water	Other	Unknown	
	TONS OF SHIPMENTS--Continued	(thousands of tons)									
339	Miscellaneous primary metal products...	216	100.0	39.5	49.1	11.3	0.1	-	-	-	c
3391	Iron and steel forgings.....	161	100.0	33.3	59.3	7.3	.1	-	-	-	c
34	Fabricated metal products.....	996	100.0	12.3	67.8	19.3	.1	-	0.4	0.1	c
344	Structural and miscellaneous metal products.....	244	100.0	7.4	76.9	15.6	-	-	.1	-	d
3443	Fabricated plate products (boiler shop products).....	166	100.0	10.7	72.5	16.8	-	-	-	-	d
346	Metal stampings.....	159	100.0	15.3	68.3	15.8	.3	-	.3	-	d
3461	Metal stampings.....	159	100.0	15.3	68.3	15.8	.3	-	.3	-	d
35	Machinery, except electrical.....	1,456	100.0	31.2	57.7	9.9	.1	-	1.1	-	b
351	Engines and turbines.....	227	100.0	19.4	58.7	21.5	.2	0.1	.1	-	a
3519	Miscellaneous internal combustion engines.....	227	100.0	19.4	58.7	21.5	.2	.1	.1	-	a
352	Farm machinery and equipment.....	355	100.0	18.0	61.5	19.5	-	-	1.0	-	d
3522	Farm machinery and equipment.....	355	100.0	18.0	61.5	19.5	-	-	1.0	-	d
353	Construction, mining, and materials handling machinery and equipment.....	426	100.0	61.5	33.0	4.9	.2	-	.4	-	b
3531	Construction machinery and equipment...	312	100.0	61.8	31.3	6.6	.2	-	.1	-	c
3532	Mining machinery, equipment, and parts (except oil field machinery and equipment).....	62	100.0	61.3	36.0	-	.3	-	2.4	-	b
3544	Special dies and tools, die sets, jigs, fixtures, and industrial molds and patterns.....	1	100.0	8.8	50.7	38.3	-	-	2.2	-	d
356	General industrial machinery and equipment.....	148	100.0	33.4	64.1	.7	.4	-	1.4	-	d
3561	Pumps, air and gas compressors, and measuring and dispensing pumps, also pumping equipment.....	13	100.0	-	95.6	.8	2.7	.2	.7	-	d
358	Service industry machines.....	62	100.0	24.3	67.5	.1	.2	-	7.9	-	c
359	Miscellaneous machinery and parts (except electrical).....	17	100.0	28.5	48.5	.8	.2	-	22.0	-	d
3599	Miscellaneous machinery and parts (except electrical).....	17	100.0	28.5	48.5	.8	.2	-	22.0	-	d
36	Electrical machinery and equipment.....	407	100.0	17.3	77.8	3.2	.4	-	1.3	-	c
362	Electrical industrial apparatus.....	98	100.0	11.4	80.3	4.1	1.3	-	2.9	-	c
3621	Motors and generators.....	48	100.0	14.0	76.5	7.7	1.4	-	.4	-	b
3622	Industrial controls and parts.....	31	100.0	14.1	78.6	1.0	1.8	-	4.5	-	c
363	Household appliances.....	81	100.0	47.2	45.2	7.6	-	-	-	-	d
369	Miscellaneous electrical machinery, equipment, and supplies.....	10	100.0	.1	88.1	1.0	2.0	-	7.7	1.1	d
37	Transportation equipment.....	1,182	100.0	52.8	38.0	9.2	-	-	-	-	a
371	Motor vehicles and motor vehicle equipment.....	1,138	100.0	53.5	39.0	7.5	-	-	-	-	a
38	Instruments, photographic goods, optical goods, watches, and clocks.....	27	100.0	.8	84.4	.6	5.6	.7	7.9	-	d

See footnote at end of table.

TABLE 1. Percent Distribution of Commodities, by Means of Transport: 1967--Continued

TCC code	Commodity	Number	Percent distribution by means of transport								Sampling variability code ¹
			All means of transport	Rail	Motor carrier	Private truck	Air	Water	Other	Unknown	
	TON-MILES OF SHIPMENTS	(millions of ton-miles)									
	Wisconsin, total.....	10,877	100.0	68.3	24.1	6.5	0.1	0.2	0.4	0.4	-
20	Food and kindred products.....	5,494	100.0	74.3	17.2	7.6	-	.2	.1	.6	-
201	Meat, poultry, and small game; fresh, chilled or frozen.....	384	100.0	37.8	45.0	17.2	-	-	-	-	-
2013	Meat products.....	177	100.0	27.7	67.9	4.4	-	-	-	-	-
2014	Animal byproducts, inedible.....	9	100.0	59.8	26.3	13.6	-	.1	-	.2	-
202	Dairy products.....	951	100.0	43.1	52.4	4.5	-	-	-	-	-
2023	Condensed, evaporated, and dry milk....	323	100.0	64.9	28.1	7.0	-	-	-	-	-
2025	Cheese and special dairy products.....	295	100.0	55.1	39.7	5.2	-	-	-	-	-
203	Canned and preserved fruits, vegetables, and seafoods.....	461	100.0	64.3	14.5	21.2	-	-	-	-	-
2033	Canned fruits and vegetables.....	450	100.0	66.0	14.5	19.5	-	-	-	-	-
208	Beverages and flavoring extracts.....	1,330	100.0	68.4	12.1	15.7	-	1.0	.2	2.6	-
2082	Malt liquors.....	1,094	100.0	62.4	14.4	18.5	-	1.2	.3	3.2	-
24	Lumber and wood products, except furniture.....	365	100.0	70.0	18.0	12.0	-	-	-	-	-
243	Millwork and prefabricated wood products, including plywood and veneer....	207	100.0	77.9	17.3	4.8	-	-	-	-	-
2431	Millwork (except metal covered).....	138	100.0	85.6	10.7	3.7	-	-	-	-	-
25	Furniture and fixtures.....	39	100.0	27.5	27.8	44.7	-	-	-	-	-
26	Pulp, paper, and allied products.....	1,726	100.0	82.9	14.5	2.2	.1	-	-	.3	-
262	Paper (except building paper).....	949	100.0	83.4	14.7	1.7	-	.1	-	.1	-
2621	Paper (except building paper).....	949	100.0	83.4	14.7	1.7	-	.1	-	.1	-
263	Paperboard, fiberboard, and pulpboard (except insulating board).....	35	100.0	44.0	32.8	23.2	-	-	-	-	-
2631	Paperboard, fiberboard, and pulpboard (except insulating board).....	35	100.0	44.0	32.8	23.2	-	-	-	-	-
264	Converted paper and paperboard products (except containers and boxes)....	508	100.0	91.8	7.4	-	-	-	-	.8	-
2647	Sanitary paper products.....	480	100.0	93.7	5.5	-	-	-	-	.8	-
265	Containers, boxes and related products, paperboard, fiberboard, and pulpboard.	147	100.0	57.4	34.8	7.1	.6	-	.1	-	-
2651	Containers, boxes, baskets, pallets and skids, paperboard, fiberboard, and pulpboard.....	108	100.0	54.5	39.9	4.7	.8	-	.1	-	-
28	Chemicals and allied products.....	324	100.0	61.7	35.6	2.6	-	-	.1	-	-
285	Paints, varnishes, lacquers, enamels, and allied products.....	17	100.0	25.0	64.5	10.5	-	-	-	-	-
2851	Paints, varnishes, lacquers, enamels, and allied products.....	17	100.0	25.0	64.5	10.5	-	-	-	-	-
30	Rubber and miscellaneous plastics products.....	45	100.0	30.6	68.0	1.2	.1	-	.1	-	-
31	Leather and leather products.....	25	100.0	29.6	38.8	21.8	1.8	.6	7.4	-	-
33	Primary metal products.....	296	100.0	48.7	44.9	6.3	.1	-	-	-	-
332	Iron and steel castings.....	80	100.0	11.2	69.7	19.0	-	-	-	.1	-
3321	Iron and steel castings.....	80	100.0	11.2	69.7	19.0	-	-	-	.1	-

See footnote at end of table.

TABLE 1. Percent Distribution of Commodities, by Means of Transport: 1967--Continued

TCC code	Commodity	Number	Percent distribution by means of transport								Sampling variability code ¹
			All means of transport	Rail	Motor carrier	Private truck	Air	Water	Other	Unknown	
	TON-MILES OF SHIPMENTS--Continued	(millions of ton-miles)									
339	Miscellaneous primary metal products...	64	100.0	41.0	54.5	4.3	0.2	-	-	-	-
3391	Iron and steel forgings.....	58	100.0	39.6	56.1	4.1	.2	-	-	-	-
34	Fabricated metal products.....	441	100.0	25.8	61.8	11.6	.2	0.2	0.4	-	-
344	Structural and miscellaneous metal products.....	106	100.0	13.0	75.1	11.8	-	-	.1	-	-
3443	Fabricated plate products (boiler shop products).....	77	100.0	17.7	67.3	15.0	-	-	-	-	-
346	Metal stampings.....	98	100.0	21.6	74.6	3.0	.3	.3	.2	-	-
3461	Metal stampings.....	98	100.0	21.6	74.6	3.0	.3	.3	.2	-	-
35	Machinery, except electrical.....	830	100.0	39.5	54.1	4.4	.2	.1	1.7	-	-
351	Engines and turbines.....	117	100.0	25.9	58.2	14.7	.4	.7	.1	-	-
3519	Miscellaneous internal combustion engines.....	117	100.0	26.0	58.0	14.8	.4	.7	.1	-	-
352	Farm machinery and equipment.....	162	100.0	24.1	65.2	9.4	-	-	1.3	-	-
3522	Farm machinery and equipment.....	162	100.0	24.1	65.2	9.4	-	-	1.3	-	-
353	Construction, mining, and materials handling machinery and equipment.....	229	100.0	72.4	25.4	1.6	.3	-	.3	-	-
3531	Construction machinery and equipment...	171	100.0	77.1	20.3	2.2	.3	-	.1	-	-
3532	Mining machinery, equipment, and parts (except oil field machinery and equipment).....	38	100.0	58.0	40.1	-	.4	-	1.5	-	-
3544	Special dies and tools, die sets, jigs, fixtures, and industrial molds and patterns.....	-	-	-	-	-	-	-	-	-	-
356	General industrial machinery and equipment.....	122	100.0	57.4	40.8	-	.4	.1	1.3	-	-
3561	Pumps, air and gas compressors, and measuring and dispensing pumps, also pumping equipment.....	8	100.0	-	93.7	.2	3.9	1.5	.7	-	-
358	Service industry machines.....	56	100.0	30.1	59.1	-	.2	-	10.6	-	-
359	Miscellaneous machinery and parts (except electrical).....	11	100.0	27.1	40.3	.1	.1	-	32.4	-	-
3599	Miscellaneous machinery and parts (except electrical).....	11	100.0	27.1	40.3	.1	.1	-	32.4	-	-
36	Electrical machinery and equipment.....	247	100.0	30.5	64.4	2.1	.6	.1	2.3	-	-
362	Electrical industrial apparatus.....	62	100.0	25.2	68.3	.5	1.5	-	4.5	-	-
3621	Motors and generators.....	28	100.0	29.1	67.5	.9	1.8	-	.7	-	-
3622	Industrial controls and parts.....	23	100.0	32.6	57.9	.3	1.7	-	7.5	-	-
363	Household appliances.....	54	100.0	62.0	32.0	6.0	-	-	-	-	-
369	Miscellaneous electrical machinery, equipment, and supplies.....	6	100.0	.2	85.7	.1	3.4	-	9.2	1.4	-
37	Transportation equipment.....	583	100.0	79.2	18.5	1.9	-	.4	-	-	-
371	Motor vehicles and motor vehicle equipment.....	560	100.0	80.1	18.8	.7	-	.4	-	-	-
38	Instruments, photographic goods, optical goods, watches, and clocks.....	15	100.0	.5	77.5	.3	7.9	5.2	8.6	-	-

¹Code letter indicates a sampling variability range as follows: a, 0-9 percent; b, 10-19 percent; c, 20-29 percent; and d, 30-50 percent. The variability for ton-miles has not been estimated.

TABLE 2. Percent Distribution of Commodities, by Distance of Shipment: 1967

TCC code	Commodity	Number	Percent distribution by distance of shipment								Sampling variability code ¹
			All distances	Under 100 miles	100 to 199 miles	200 to 299 miles	300 to 499 miles	500 to 999 miles	1,000 to 1,499 miles	1,500 miles or over	
	TONS OF SHIPMENTS	(thousands of tons)									
	Wisconsin, total.....	26,477	100.0	19.0	20.5	14.5	15.1	24.5	3.1	3.3	-
20	Food and kindred products.....	13,327	100.0	16.0	20.8	14.3	16.1	27.7	3.1	2.0	b
201	Meat, poultry, and small game; fresh, chilled or frozen.....	823	100.0	21.1	22.7	5.1	6.0	39.2	1.8	4.1	c
2013	Meat products.....	339	100.0	18.6	25.2	2.4	4.2	37.8	3.0	8.8	b
2014	Animal byproducts, inedible.....	66	100.0	58.2	21.4	7.5	9.3	3.6	-	-	c
202	Dairy products.....	3,279	100.0	17.4	47.1	16.9	4.5	9.1	2.1	2.9	d
2023	Condensed, evaporated, and dry milk....	1,024	100.0	28.4	19.7	24.0	8.7	12.0	5.7	1.5	d
2025	Cheese and special dairy products.....	428	100.0	7.7	22.8	8.0	7.6	32.0	2.8	19.1	d
203	Canned and preserved fruits, vegetables, and seafoods.....	1,051	100.0	8.1	19.3	15.6	20.9	31.5	3.1	1.5	d
2033	Canned fruits and vegetables.....	1,011	100.0	7.5	18.9	15.5	21.4	32.1	3.1	1.5	d
208	Beverages and flavoring extracts.....	3,571	100.0	22.8	12.2	21.8	12.7	27.1	2.6	.8	b
2082	Malt liquors.....	2,970	100.0	18.8	13.5	25.6	12.7	26.7	2.4	.3	a
24	Lumber and wood products, except furniture.....	865	100.0	9.2	20.4	21.5	12.3	34.5	1.3	.8	c
243	Millwork and prefabricated wood products, including plywood and veneer....	430	100.0	6.4	17.1	17.4	15.2	40.4	1.8	1.7	d
2431	Millwork (except metal covered).....	284	100.0	2.6	21.8	14.6	18.7	40.0	.4	1.9	d
25	Furniture and fixtures.....	104	100.0	18.8	17.0	22.8	15.3	18.9	3.2	4.0	d
26	Pulp, paper, and allied products.....	4,211	100.0	25.2	13.5	16.0	17.4	20.3	3.3	4.3	a
262	Paper (except building paper).....	1,967	100.0	8.5	14.7	20.3	22.6	26.3	3.1	4.5	b
2621	Paper (except building paper).....	1,967	100.0	8.5	14.7	20.3	22.6	26.3	3.1	4.5	b
263	Paperboard, fiberboard, and pulpboard (except insulating board).....	191	100.0	56.5	19.0	10.4	6.1	6.9	.3	.8	c
2631	Paperboard, fiberboard, and pulpboard (except insulating board).....	191	100.0	56.5	19.0	10.4	6.1	6.9	.3	.8	c
264	Converted paper and paperboard products (except containers and boxes)....	887	100.0	3.6	13.7	18.8	21.0	28.6	7.5	6.8	d
2647	Sanitary paper products.....	848	100.0	3.6	13.7	18.9	21.3	28.6	7.7	6.2	d
265	Containers, boxes and related products, paperboard, fiberboard, and pulpboard.	675	100.0	55.5	15.1	11.4	8.3	6.0	.3	3.4	d
2651	Containers, boxes, baskets, pallets and skids, paperboard, fiberboard, and pulpboard.....	592	100.0	60.4	13.9	10.1	7.2	6.5	.1	1.8	d
28	Chemicals and allied products.....	705	100.0	10.6	27.3	11.3	15.6	28.8	1.9	4.5	d
285	Paints, varnishes, lacquers, enamels, and allied products.....	55	100.0	29.8	20.2	16.9	19.0	6.4	4.7	3.0	c
2851	Paints, varnishes, lacquers, enamels, and allied products.....	55	100.0	29.8	20.2	16.9	19.0	6.4	4.7	3.0	c
30	Rubber and miscellaneous plastics products.....	119	100.0	36.6	13.3	8.4	4.5	33.8	2.3	1.1	d
31	Leather and leather products.....	36	100.0	11.0	5.3	6.8	12.1	50.0	3.1	11.7	d
33	Primary metal products.....	1,068	100.0	38.5	21.0	12.6	12.4	12.6	.1	2.8	c
332	Iron and steel castings.....	478	100.0	40.6	29.6	15.1	11.2	3.2	.2	.1	c
3321	Iron and steel castings.....	478	100.0	40.6	29.6	15.1	11.2	3.2	.2	.1	c

See footnote at end of table.

TABLE 2. Percent Distribution of Commodities, by Distance of Shipment: 1967--Continued

TCC code	Commodity	Number	Percent distribution by distance of shipment								Sampling variability code ¹
			All distances	Under 100 miles	100 to 199 miles	200 to 299 miles	300 to 499 miles	500 to 999 miles	1,000 to 1,499 miles	1,500 miles or over	
	TONS OF SHIPMENTS--Continued	(thousands of tons)									
339	Miscellaneous primary metal products....	216	100.0	39.8	21.6	12.1	11.2	11.7	0.3	3.3	c
3391	Iron and steel forgings.....	161	100.0	23.1	27.9	14.6	14.3	15.5	.4	4.2	c
34	Fabricated metal products.....	996	100.0	28.5	14.2	13.2	12.6	21.7	2.0	7.8	c
344	Structural and miscellaneous metal products.....	244	100.0	26.9	9.3	16.2	14.7	23.8	2.0	7.1	d
3443	Fabricated plate products (boiler shop products).....	166	100.0	16.3	7.8	22.4	19.1	26.1	1.8	6.5	d
346	Metal stampings.....	159	100.0	20.3	9.8	13.0	14.2	22.0	3.2	17.5	d
3461	Metal stampings.....	159	100.0	20.3	9.8	13.0	14.2	22.0	3.2	17.5	d
35	Machinery, except electrical.....	1,456	100.0	11.6	8.2	14.0	22.0	29.4	7.1	7.7	b
351	Engines and turbines.....	227	100.0	15.8	3.0	15.0	27.2	28.8	6.1	4.1	a
3519	Miscellaneous internal combustion engines.....	227	100.0	15.8	3.0	15.0	27.2	28.8	6.1	4.1	a
352	Farm machinery and equipment.....	355	100.0	18.9	5.1	12.4	25.3	32.1	2.3	3.9	d
3522	Farm machinery and equipment.....	355	100.0	18.9	5.1	12.4	25.3	32.1	2.3	3.9	d
353	Construction, mining, and materials handling machinery and equipment.....	426	100.0	8.7	17.3	11.3	25.7	20.9	10.5	5.6	b
3531	Construction machinery and equipment....	312	100.0	10.1	18.5	8.1	27.4	18.0	11.5	6.4	c
3532	Mining machinery, equipment, and parts (except oil field machinery and equipment).....	62	100.0	.1	.4	29.1	23.4	32.2	10.5	4.3	b
3544	Special dies and tools, die sets, jigs, fixtures, and industrial molds and patterns.....	1	100.0	54.2	4.7	9.7	8.2	2.9	16.8	3.5	d
356	General industrial machinery and equipment.....	148	100.0	6.8	7.3	15.5	10.0	27.1	9.6	23.7	d
3561	Pumps, air and gas compressors, and measuring and dispensing pumps, also pumping equipment.....	13	100.0	18.5	5.4	9.7	13.3	33.3	13.5	6.3	d
358	Service industry machines.....	62	100.0	2.1	2.2	3.6	7.1	59.6	12.6	12.8	c
359	Miscellaneous machinery and parts (except electrical).....	17	100.0	5.2	2.9	10.3	8.4	57.4	8.9	6.9	d
3599	Miscellaneous machinery and parts (except electrical).....	17	100.0	5.2	2.9	10.3	8.4	57.4	8.9	6.9	d
36	Electrical machinery and equipment.....	407	100.0	11.1	5.1	13.2	17.7	37.0	9.5	6.4	c
362	Electrical industrial apparatus.....	98	100.0	14.9	3.3	9.2	14.8	39.1	11.3	7.4	c
3621	Motors and generators.....	48	100.0	25.0	2.8	8.6	13.0	28.2	20.2	2.2	b
3622	Industrial controls and parts.....	31	100.0	8.1	5.8	7.7	26.1	28.1	4.3	19.9	c
363	Household appliances.....	81	100.0	5.5	8.9	7.5	16.5	44.8	7.5	9.3	d
369	Miscellaneous electrical machinery, equipment, and supplies.....	10	100.0	9.9	10.4	15.2	15.5	36.1	10.1	2.8	d
37	Transportation equipment.....	1,182	100.0	19.5	11.5	22.1	13.4	22.2	1.5	9.8	a
371	Motor vehicles and motor vehicle equipment.....	1,138	100.0	19.8	11.1	22.8	13.2	21.6	1.5	10.0	a
38	Instruments, photographic goods, optical goods, watches, and clocks.....	27	100.0	19.1	3.7	9.9	19.1	41.0	1.7	5.5	d

See footnote at end of table.

TABLE 2. Percent Distribution of Commodities, by Distance of Shipment: 1967--Continued

FCC code	Commodity	Number	Percent distribution by distance of shipment								Sampling variability code ¹
			All distances	Under 100 miles	100 to 199 miles	200 to 299 miles	300 to 499 miles	500 to 999 miles	1,000 to 1,499 miles	1,500 miles or over	
	TON-MILES OF SHIPMENTS	(millions of ton-miles)									
	Wisconsin, total.....	10,877	100.0	2.9	7.7	8.7	14.4	43.7	8.6	14.0	-
20	Food and kindred products.....	5,494	100.0	2.5	7.9	8.5	15.4	49.2	8.3	8.2	-
201	Meat, poultry, and small game; fresh, chilled or frozen.....	384	100.0	3.1	6.7	3.0	5.0	62.5	4.7	15.0	-
2013	Meat products.....	177	100.0	2.4	5.9	1.3	3.2	51.9	6.7	28.6	-
2014	Animal byproducts, inedible.....	9	100.0	29.1	17.8	12.9	21.4	18.7	.1	-	-
202	Dairy products.....	951	100.0	3.5	27.3	13.5	6.0	22.8	9.6	17.3	-
2023	Condensed, evaporated, and dry milk....	323	100.0	5.3	7.8	17.7	10.6	27.2	23.4	8.0	-
2025	Cheese and special dairy products.....	295	100.0	.6	4.9	3.0	4.4	34.9	5.2	47.0	-
203	Canned and preserved fruits, vegetables and seafoods.....	461	100.0	.9	5.8	8.9	19.0	51.4	8.3	5.7	-
2033	Canned fruits and vegetables.....	450	100.0	.8	5.6	8.7	19.2	51.6	8.2	5.9	-
208	Beverages and flavoring extracts.....	1,330	100.0	3.9	4.8	14.1	13.1	52.5	7.7	3.9	-
2082	Malt liquors.....	1,094	100.0	3.6	5.4	16.7	12.9	52.8	7.4	1.2	-
24	Lumber and wood products, except furniture.....	365	100.0	1.6	7.2	12.8	11.2	60.4	3.3	3.5	-
243	Millwork and prefabricated wood products, including plywood and veneer....	207	100.0	1.1	5.4	8.5	11.9	62.9	4.1	6.1	-
2431	Millwork (except metal covered).....	138	100.0	.3	6.9	7.2	14.3	63.5	1.0	6.8	-
25	Furniture and fixtures.....	39	100.0	2.5	6.7	14.7	15.8	31.8	9.9	18.6	-
26	Pulp, paper, and allied products.....	1,726	100.0	3.7	5.2	9.7	16.9	36.7	9.5	18.3	-
262	Paper (except building paper).....	949	100.0	1.3	5.0	10.3	19.0	40.4	7.8	16.2	-
2621	Paper (except building paper).....	949	100.0	1.3	5.0	10.3	19.0	40.4	7.8	16.2	-
263	Paperboard, fiberboard, and pulpboard (except insulating board).....	35	100.0	17.2	16.6	13.7	11.5	31.4	1.9	7.7	-
2631	Paperboard, fiberboard, and pulpboard (except insulating board).....	35	100.0	17.2	16.6	13.7	11.5	31.4	1.9	7.7	-
264	Converted paper and paperboard products (except containers and boxes)....	508	100.0	.3	3.8	8.6	14.4	36.7	15.5	20.7	-
2647	Sanitary paper products.....	480	100.0	.3	3.8	8.7	14.8	37.2	16.1	19.1	-
265	Containers, boxes and related products, paperboard, fiberboard, and pulpboard.	147	100.0	12.4	9.6	13.1	15.9	21.0	1.2	26.8	-
2651	Containers, boxes, baskets, pallets and skids, paperboard, fiberboard, and pulpboard.....	108	100.0	15.7	10.2	13.8	16.7	26.5	.3	16.8	-
28	Chemicals and allied products.....	324	100.0	1.2	8.7	6.3	12.7	49.3	4.8	17.0	-
285	Paints, varnishes, lacquers, enamels, and allied products.....	17	100.0	5.2	9.6	13.7	23.2	15.6	15.8	16.9	-
2851	Paints, varnishes, lacquers, enamels, and allied products.....	17	100.0	5.2	9.6	13.7	23.2	15.6	15.8	16.9	-
30	Rubber and miscellaneous plastics products.....	45	100.0	5.0	5.1	6.0	5.0	67.4	6.7	4.8	-
31	Leather and leather products.....	25	100.0	1.2	1.1	2.5	6.4	53.8	5.3	29.7	-
33	Primary metal products.....	296	100.0	9.0	11.5	10.8	15.5	35.1	.7	17.4	-
332	Iron and steel castings.....	80	100.0	14.7	26.0	21.9	22.9	12.5	1.3	.7	-
3321	Iron and steel castings.....	80	100.0	14.7	26.0	21.9	22.9	12.5	1.3	.7	-

See footnote at end of table.

TABLE 2. Percent Distribution of Commodities, by Distance of Shipment: 1967--Continued

TCC code	Commodity	Number	Percent distribution by distance of shipment								Sampling variability code ¹
			All distances	Under 100 miles	100 to 199 miles	200 to 299 miles	300 to 499 miles	500 to 999 miles	1,000 to 1,499 miles	1,500 miles or over	
	TON-MILES OF SHIPMENTS--Continued	(millions of ton-miles)									
339	Miscellaneous primary metal products....	64	100.0	9.6	12.2	10.0	13.2	34.2	1.2	19.6	-
3391	Iron and steel forgings.....	58	100.0	5.0	12.9	9.8	13.7	36.9	1.2	20.5	-
34	Fabricated metal products.....	441	100.0	3.9	4.3	7.4	10.6	36.7	5.3	31.8	-
344	Structural and miscellaneous metal products.....	106	100.0	4.1	2.8	8.8	12.1	39.1	5.1	28.0	-
3443	Fabricated plate products (boiler shop products).....	77	100.0	2.8	2.0	11.5	14.6	39.8	4.5	24.8	-
346	Metal stampings.....	98	100.0	1.2	2.2	5.3	8.3	26.4	6.5	50.1	-
3461	Metal stampings.....	98	100.0	1.2	2.2	5.3	8.3	26.4	6.5	50.1	-
35	Machinery, except electrical.....	830	100.0	1.2	2.2	6.2	14.7	38.0	14.7	23.0	-
351	Engines and turbines.....	117	100.0	1.7	.9	7.3	20.0	40.9	14.7	14.5	-
3519	Miscellaneous internal combustion engines.....	117	100.0	1.7	.9	7.3	20.0	40.9	14.7	14.5	-
352	Farm machinery and equipment.....	162	100.0	1.8	1.7	7.0	20.7	49.6	5.3	13.9	-
3522	Farm machinery and equipment.....	162	100.0	1.8	1.7	7.0	20.7	49.6	5.3	13.9	-
353	Construction, mining, and materials handling machinery and equipment.....	229	100.0	1.4	5.1	5.4	19.0	29.6	22.7	16.8	-
3531	Construction machinery and equipment.....	171	100.0	1.7	5.6	3.9	20.1	26.0	23.9	18.8	-
3532	Mining machinery, equipment, and parts (except oil field machinery and equipment).....	38	100.0	-	.1	11.7	14.8	38.6	22.5	12.3	-
3544	Special dies and tools, die sets, jigs, fixtures, and industrial molds and patterns.....	-	-	-	-	-	-	-	-	-	-
356	General industrial machinery and equipment.....	122	100.0	.6	1.1	4.7	4.6	23.8	14.7	50.5	-
3561	Pumps, air and gas compressors, and measuring and dispensing pumps, also pumping equipment.....	8	100.0	2.0	1.5	3.9	9.3	39.0	25.5	18.8	-
358	Service industry machines.....	56	100.0	.2	.4	1.0	3.4	54.2	16.8	24.0	-
359	Miscellaneous machinery and parts (except electrical).....	11	100.0	.5	.6	3.9	5.2	56.8	14.8	18.2	-
3599	Miscellaneous machinery and parts (except electrical).....	11	100.0	.5	.6	3.9	5.2	56.8	14.8	18.2	-
36	Electrical machinery and equipment.....	247	100.0	1.3	1.2	5.5	11.5	43.9	18.5	18.1	-
362	Electrical industrial apparatus.....	62	100.0	1.7	.7	3.8	9.0	43.1	21.2	20.5	-
3621	Motors and generators.....	28	100.0	3.1	.7	4.1	8.1	36.4	40.8	6.8	-
3622	Industrial controls and parts.....	23	100.0	.8	1.1	2.7	14.3	26.6	7.7	46.8	-
363	Household appliances.....	54	100.0	.6	2.0	2.8	9.6	47.6	13.8	23.6	-
369	Miscellaneous electrical machinery, equipment, and supplies.....	6	100.0	1.1	2.7	6.9	11.2	46.8	22.4	8.9	-
37	Transportation equipment.....	583	100.0	2.3	3.6	11.0	10.6	31.8	3.3	37.4	-
371	Motor vehicles and motor vehicle equipment.....	560	100.0	2.4	3.5	11.4	10.5	31.0	3.2	38.0	-
38	Instruments, photographic goods, optical goods, watches, and clocks.....	15	100.0	2.4	1.0	4.5	14.2	54.2	3.7	20.0	-

¹Code letter indicates a sampling variability range as follows: a, 0-9 percent; b, 10-19 percent; c, 20-29 percent; and d, 30-50 percent. The variability for ton-miles has not been estimated.

TABLE 3. Percent Distribution of Commodities, by Geographic Division of Destination: 1967

TCC code	Commodity	Number	Percent distribution by geographic division ¹ of destination										Sampling variability code ³
			All means of transport	New England	Middle Atlantic	East North Central	West North Central	South Atlantic	East South Central	West South Central	Mountain	Pacific ²	
	TONS OF SHIPMENTS	(thous. of tons)											
	Wisconsin, total.....	26,477	100.0	2.6	11.9	59.3	10.6	4.7	3.5	3.0	1.2	3.2	-
20	Food and kindred products.....	13,327	100.0	3.3	15.7	58.0	9.5	4.4	4.5	2.1	.5	2.0	b
201	Meat, poultry, and small game; fresh, chilled or frozen.....	823	100.0	10.7	17.1	49.3	5.0	9.9	2.1	1.0	.8	4.1	c
2013	Meat products.....	339	100.0	2.2	19.2	44.4	5.4	13.1	3.7	1.4	1.8	8.8	b
2014	Animal byproducts, inedible.....	66	100.0	.1	.9	83.8	14.0	.1	-	1.1	-	-	c
202	Dairy products.....	3,279	100.0	.8	4.9	80.5	5.5	1.7	1.0	1.8	.8	3.0	d
2023	Condensed, evaporated, and dry milk....	1,024	100.0	1.4	5.5	68.7	12.4	1.7	2.4	4.1	2.3	1.5	d
2025	Cheese and special dairy products.....	428	100.0	2.7	17.2	39.3	7.1	7.5	2.1	4.0	.9	19.2	d
203	Canned and preserved fruits, vegetables, and seafood.....	1,051	100.0	3.4	11.0	47.8	19.7	6.6	4.3	3.8	1.8	1.6	d
2033	Canned fruits and vegetables.....	1,011	100.0	3.5	11.0	47.2	20.1	6.4	4.4	3.9	1.9	1.6	d
208	Beverages and flavoring extracts.....	3,571	100.0	4.5	11.7	58.4	9.1	8.0	4.1	3.0	.4	.8	b
2082	Malt liquors.....	2,970	100.0	5.4	8.4	59.2	10.2	9.3	3.9	2.8	.5	.3	a
24	Lumber and wood products, except furniture.....	865	100.0	4.5	11.4	57.2	15.1	6.0	2.9	1.9	.1	.9	c
243	Millwork and prefabricated wood products, including plywood and veneer....	430	100.0	6.7	18.3	38.9	20.4	9.1	2.2	2.5	.2	1.7	d
2431	Millwork (except metal covered).....	284	100.0	7.2	23.0	39.0	18.2	8.6	1.9	.1	.1	1.9	d
25	Furniture and fixtures.....	104	100.0	.2	6.9	67.6	6.1	1.3	9.3	3.4	1.2	4.0	d
26	Pulp, paper, and allied products.....	4,211	100.0	2.0	7.6	61.8	12.2	4.4	2.4	3.7	1.6	4.3	a
262	Paper (except building paper).....	1,967	100.0	3.0	10.7	54.4	12.4	5.9	3.1	3.5	2.5	4.5	b
2621	Paper (except building paper).....	1,967	100.0	3.0	10.7	54.4	12.4	5.9	3.1	3.5	2.5	4.5	b
263	Paperboard, fiberboard, and pulpboard (except insulating board).....	191	100.0	5.4	.4	76.1	15.9	.5	.6	-	.3	.8	c
2631	Paperboard, fiberboard, and pulpboard (except insulating board).....	191	100.0	5.4	.4	76.1	15.9	.5	.6	-	.3	.8	c
264	Converted paper and paperboard products (except containers and boxes)....	887	100.0	1.8	8.6	46.1	16.1	7.2	4.0	7.1	2.1	7.0	d
2647	Sanitary paper products.....	848	100.0	1.4	8.4	46.5	16.3	7.3	4.2	7.3	2.1	6.5	d
265	Containers, boxes and related products, paperboard, fiberboard, and pulpboard.....	675	100.0	-	4.1	79.7	11.8	.2	.1	.6	.1	3.4	d
2651	Containers, boxes, baskets, pallets and skids, paperboard, fiberboard, and pulpboard.....	592	100.0	-	4.4	81.8	11.2	.2	.1	.4	.1	1.8	d
28	Chemicals and allied products.....	705	100.0	4.0	12.8	55.0	8.6	4.4	2.5	5.4	2.8	4.5	d
285	Paints, varnishes, lacquers, enamels, and allied products.....	55	100.0	-	5.0	57.8	26.5	.5	.2	4.4	2.6	3.0	c
2851	Paints, varnishes, lacquers, enamels, and allied products.....	55	100.0	-	5.0	57.8	26.5	.5	.2	4.4	2.6	3.0	c
30	Rubber and miscellaneous plastics products.....	119	100.0	2.1	17.2	41.8	21.6	4.5	7.0	2.1	2.7	1.0	d
31	Leather and leather products.....	36	100.0	12.3	21.9	25.5	7.9	13.2	2.5	2.8	2.2	11.7	d
33	Primary metal products.....	1,068	100.0	.8	2.1	75.3	7.9	.5	2.5	5.6	2.5	2.8	c
332	Iron and steel castings.....	478	100.0	-	2.7	86.9	8.8	.6	.6	.2	.1	.1	c
3321	Iron and steel castings.....	478	100.0	-	2.7	86.9	8.8	.6	.6	.2	.1	.1	c

See footnotes at end of table.

TABLE 3. Percent Distribution of Commodities, by Geographic Division of Destination: 1967--Continued

TCC code	Commodity	Number	Percent distribution by geographic division ¹ of destination										Sampling variability code ³
			All means of transport	New England	Middle Atlantic	East North Central	West North Central	South Atlantic	East South Central	West South Central	Mountain	Pacific ²	
	TONS OF SHIPMENTS--Continued	(thous. of tons)											
339	Miscellaneous primary metal products...	216	100.0	3.3	0.9	81.5	2.0	0.4	0.8	7.6	0.2	3.3	c
3391	Iron and steel forgings.....	161	100.0	4.4	.9	76.3	2.4	.5	.9	10.2	.2	4.2	c
34	Fabricated metal products.....	996	100.0	2.6	7.4	58.5	8.3	7.5	2.8	4.2	1.0	7.7	c
344	Structural and miscellaneous metal products.....	244	100.0	1.5	7.9	56.7	7.0	13.1	3.3	2.2	1.4	6.9	d
3443	Fabricated plate products (boiler shop products).....	166	100.0	1.2	11.1	51.4	9.4	12.2	4.4	2.9	1.0	6.4	d
346	Metal stampings.....	159	100.0	3.5	7.1	43.4	15.5	3.5	3.5	3.5	2.4	17.6	d
3461	Metal stampings.....	159	100.0	3.5	7.1	43.4	15.5	3.5	3.5	3.5	2.4	17.6	d
35	Machinery, except electrical.....	1,456	100.0	2.6	14.6	37.6	17.7	6.9	4.1	4.9	5.2	6.4	b
351	Engines and turbines.....	227	100.0	1.2	17.4	35.2	23.9	3.5	6.8	7.1	.8	4.1	a
3519	Miscellaneous internal combustion engines.....	227	100.0	1.2	17.4	35.2	23.9	3.5	6.8	7.1	.8	4.1	a
352	Farm machinery and equipment.....	355	100.0	2.9	15.5	31.8	31.5	5.6	4.3	2.1	4.3	2.0	d
3522	Farm machinery and equipment.....	355	100.0	2.9	15.5	31.8	31.5	5.6	4.3	2.1	4.3	2.0	d
353	Construction, mining, and materials handling machinery and equipment.....	426	100.0	2.2	9.8	49.7	11.9	8.0	3.0	5.1	8.2	2.1	b
3531	Construction machinery and equipment...	312	100.0	2.1	8.5	49.7	12.6	9.6	3.0	3.9	8.8	1.8	c
3532	Mining machinery, equipment, and parts (except oil field machinery and equipment).....	62	100.0	2.5	11.3	40.9	14.2	3.1	3.9	8.5	11.6	4.0	b
3544	Special dies and tools, die sets, jigs, fixtures, and industrial molds and patterns.....	1	100.0	-	.1	75.8	-	1.1	1.2	18.3	-	3.5	d
356	General industrial machinery and equipment.....	148	100.0	2.1	15.7	33.7	3.9	4.9	4.0	3.0	7.5	25.2	d
3561	Pumps, air and gas compressors, and measuring and dispensing pumps, also pumping equipment.....	13	100.0	1.2	21.0	33.2	3.4	2.6	14.6	5.3	12.4	6.3	d
358	Service industry machines.....	62	100.0	1.9	20.9	12.5	2.7	28.2	1.3	13.0	6.9	12.6	c
359	Miscellaneous machinery and parts (except electrical).....	17	100.0	13.8	34.9	19.6	3.7	10.6	.7	3.7	6.1	6.9	d
3599	Miscellaneous machinery and parts (except electrical).....	17	100.0	13.8	34.9	19.6	3.7	10.6	.7	3.7	6.1	6.9	d
36	Electrical machinery and equipment.....	407	100.0	4.4	12.7	30.3	11.1	19.1	6.7	7.8	1.5	6.4	c
362	Electrical industrial apparatus.....	98	100.0	3.3	11.2	31.1	4.1	29.2	7.9	4.7	1.1	7.4	c
3621	Motors and generators.....	48	100.0	4.3	9.4	43.2	4.4	23.5	5.3	7.2	.5	2.2	b
3622	Industrial controls and parts.....	31	100.0	2.9	17.3	23.2	5.8	7.9	16.6	3.7	2.7	19.9	c
363	Household appliances.....	81	100.0	.8	20.2	28.6	7.5	11.6	10.4	7.2	4.4	9.3	d
369	Miscellaneous electrical machinery, equipment, and supplies.....	10	100.0	2.6	23.9	38.0	9.8	6.1	3.0	12.1	1.7	2.8	d
37	Transportation equipment.....	1,182	100.0	.9	9.6	50.3	14.5	8.7	1.5	3.7	1.0	9.8	a
371	Motor vehicles and motor vehicle equipment.....	1,138	100.0	1.0	8.9	50.7	14.2	8.9	1.6	3.8	.9	10.0	a
38	Instruments, photographic goods, optical goods, watches, and clocks.....	27	100.0	13.3	15.9	33.9	17.1	6.5	2.8	2.6	2.4	5.5	d

See footnotes at end of table.

TABLE 3. Percent Distribution of Commodities, by Geographic Division of Destination: 1967--Continued

TCC code	Commodity	Number	Percent distribution by geographic division ¹ of destination										Sampling variability code ³
			All means of transport	New England	Middle Atlantic	East North Central	West North Central	South Atlantic	East South Central	West South Central	Mountain	Pacific ²	
	TON-MILES OF SHIPMENTS	(millions of ton-miles)											
	Wisconsin, total.....	10,877	100.0	5.6	21.1	26.2	8.8	9.1	5.2	6.9	3.3	13.8	-
20	Food and kindred products.....	5,494	100.0	6.9	28.6	28.1	7.4	8.0	6.3	5.0	1.5	8.2	-
201	Meat, poultry, and small game; fresh, chilled or frozen.....	384	100.0	19.1	26.4	15.1	2.1	15.4	2.7	2.3	1.9	15.0	-
2013	Meat products.....	177	100.0	3.3	26.8	10.6	1.7	18.4	4.1	2.4	4.0	28.7	-
2014	Animal byproducts, inedible.....	9	100.0	.4	4.8	74.7	12.4	.3	-	7.4	-	-	-
202	Dairy products.....	951	100.0	2.3	11.7	45.6	5.2	4.6	2.4	7.1	3.8	17.3	-
2023	Condensed, evaporated, and dry milk....	323	100.0	3.7	11.4	31.8	10.4	3.9	5.3	15.9	9.6	8.0	-
2025	Cheese and special dairy products.....	295	100.0	3.4	18.1	9.1	4.5	8.7	1.9	5.4	1.7	47.2	-
203	Canned and preserved fruits, vegetables, and seafoods.....	461	100.0	6.7	17.4	24.2	15.3	12.2	5.7	8.4	4.0	6.1	-
2033	Canned fruits and vegetables.....	450	100.0	6.9	17.3	23.9	15.4	11.8	5.8	8.6	4.1	6.2	-
208	Beverages and flavoring extracts.....	1,330	100.0	10.1	21.4	25.5	8.9	16.4	5.5	7.1	1.2	3.9	-
2082	Malt liquors.....	1,094	100.0	12.2	15.5	28.5	10.0	19.3	5.5	6.3	1.5	1.2	-
24	Lumber and wood products, except furniture.....	365	100.0	9.7	20.3	35.0	9.8	11.9	5.1	4.4	.3	3.5	-
243	Millwork and prefabricated wood products, including plywood and veneer....	207	100.0	12.5	26.8	18.3	12.9	15.0	3.0	4.8	.5	6.2	-
2431	Millwork (except metal covered).....	138	100.0	13.6	34.1	19.5	9.1	14.0	2.5	.1	.2	6.9	-
25	Furniture and fixtures.....	39	100.0	.6	12.4	33.9	5.9	3.3	12.9	9.4	3.0	18.6	-
26	Pulp, paper, and allied products.....	1,726	100.0	4.3	13.2	27.0	11.3	9.2	4.0	8.9	3.8	18.3	-
262	Paper (except building paper).....	949	100.0	5.4	15.6	27.3	9.2	10.5	4.2	7.1	4.7	16.0	-
2621	Paper (except building paper).....	949	100.0	5.4	15.6	27.3	9.2	10.5	4.2	7.1	4.7	16.0	-
263	Paperboard, fiberboard, and pulpboard (except insulating board).....	35	100.0	25.6	1.3	35.9	23.1	2.5	2.0	-	1.9	7.7	-
2631	Paperboard, fiberboard, and pulpboard (except insulating board).....	35	100.0	25.6	1.3	35.9	23.1	2.5	2.0	-	1.9	7.7	-
264	Converted paper and paperboard products (except containers and boxes)....	508	100.0	2.6	10.8	20.3	11.9	11.0	5.3	12.9	3.9	21.3	-
2647	Sanitary paper products.....	480	100.0	2.1	10.7	21.0	12.2	11.4	5.6	13.3	3.9	19.8	-
265	Containers, boxes and related products, paperboard, fiberboard, and pulpboard.	147	100.0	-	14.9	34.3	19.9	.8	.3	2.4	.6	26.8	-
2651	Containers, boxes, baskets, pallets and skids, paperboard, fiberboard, and pulpboard.....	108	100.0	-	19.0	38.3	22.6	.9	.3	1.7	.4	16.8	-
28	Chemicals and allied products.....	324	100.0	7.2	18.2	21.1	6.8	9.4	4.2	10.4	5.7	17.0	-
285	Paints, varnishes, lacquers, enamels, and allied products.....	17	100.0	-	10.1	23.1	26.8	1.0	.3	13.5	8.3	16.9	-
2851	Paints, varnishes, lacquers, enamels, and allied products.....	17	100.0	-	10.1	23.1	26.8	1.0	.3	13.5	8.3	16.9	-
30	Rubber and miscellaneous plastics products.....	45	100.0	5.1	34.4	12.4	9.8	9.4	13.0	5.3	5.7	4.9	-
31	Leather and leather products.....	25	100.0	16.5	21.1	6.2	4.0	13.0	2.1	3.7	3.7	20.7	-
33	Primary metal products.....	296	100.0	2.2	4.6	37.4	7.8	1.3	5.0	16.2	8.1	17.4	-
332	Iron and steel castings.....	80	100.0	.1	9.9	69.3	14.2	2.6	1.7	.9	.6	.7	-
3321	Iron and steel castings.....	80	100.0	.1	9.9	69.3	14.2	2.6	1.7	.9	.6	.7	-

See footnotes at end of table.

TABLE 3. Percent Distribution of Commodities, by Geographic Division of Destination: 1967--Continued

TCC code	Commodity	Number	Percent distribution by geographic division ¹ of destination											Sampling vari- ability code ³
			All means of trans- port	New Eng- land	Middle Atlantic	East North Central	West North Central	South Atlantic	East South Central	West South Central	Moun- tain	Paci- fic ²		
	TON-MILES OF SHIPMENTS--Continued	(millions of ton-miles)												
339	Miscellaneous primary metal products....	64	100.0	8.7	1.7	41.4	2.1	0.9	1.1	23.9	0.6	19.6	-	
3391	Iron and steel forgings.....	58	100.0	9.4	1.4	37.9	2.1	.9	1.1	26.1	.6	20.5	-	
34	Fabricated metal products.....	441	100.0	5.0	10.9	18.4	6.5	12.8	4.1	8.3	2.5	31.5	-	
344	Structural and miscellaneous metal prod- ucts.....	106	100.0	3.0	11.2	19.4	5.1	21.3	4.2	4.6	3.8	27.4	-	
3443	Fabricated plate products (boiler shop products).....	77	100.0	2.1	14.6	20.0	6.4	18.9	5.3	5.7	2.9	24.1	-	
346	Metal stampings.....	98	100.0	5.0	7.6	9.6	9.5	5.0	3.4	5.2	4.4	50.3	-	
3461	Metal stampings.....	98	100.0	5.0	7.6	9.6	9.5	5.0	3.4	5.2	4.4	50.3	-	
35	Machinery, except electrical.....	830	100.0	3.9	17.5	13.8	10.9	10.6	4.2	8.1	11.5	19.5	-	
351	Engines and turbines.....	117	100.0	1.9	24.4	12.7	16.4	5.5	7.5	15.3	1.8	14.5	-	
3519	Miscellaneous internal combustion engines.....	117	100.0	1.9	24.4	12.7	16.4	5.5	7.5	15.3	1.8	14.5	-	
352	Farm machinery and equipment.....	162	100.0	5.8	22.2	11.8	22.3	9.3	5.8	3.8	11.3	7.7	-	
3522	Farm machinery and equipment.....	162	100.0	5.8	22.2	11.8	22.3	9.3	5.8	3.8	11.3	7.7	-	
353	Construction, mining, and materials handling machinery and equipment.....	229	100.0	3.7	12.2	20.8	10.1	14.6	2.9	8.2	20.6	6.9	-	
3531	Construction machinery and equipment....	171	100.0	3.5	10.6	20.5	10.7	18.1	2.8	6.1	21.8	5.9	-	
3532	Mining machinery, equipment, and parts (except oil field machinery and equipment).....	38	100.0	3.4	12.8	18.3	10.6	3.1	3.3	12.4	24.5	11.6	-	
3544	Special dies and tools, die sets, jigs, fixtures, and industrial molds and patterns.....	-	-	-	-	-	-	-	-	-	-	-	-	
356	General industrial machinery and equip- ment.....	122	100.0	2.1	13.3	8.3	1.8	4.3	2.6	3.2	11.2	53.2	-	
3561	Pumps, air and gas compressors, and measuring and dispensing pumps, also pumping equipment.....	8	100.0	1.5	21.8	7.3	1.9	3.3	14.5	7.1	23.7	18.9	-	
358	Service industry machines.....	56	100.0	1.9	19.0	4.0	1.0	29.7	.9	12.9	7.0	23.6	-	
359	Miscellaneous machinery and parts (except electrical).....	11	100.0	16.9	29.6	5.9	1.8	11.7	.9	5.0	10.0	18.2	-	
3599	Miscellaneous machinery and parts (except electrical).....	11	100.0	16.9	29.6	5.9	1.8	11.7	.9	5.0	10.0	18.2	-	
36	Electrical machinery and equipment.....	247	100.0	6.1	13.5	9.6	5.7	25.7	6.1	12.2	3.0	18.1	-	
362	Electrical industrial apparatus.....	62	100.0	4.2	11.3	8.7	1.8	37.7	6.6	6.9	2.3	20.5	-	
3621	Motors and generators.....	28	100.0	5.9	10.5	12.1	2.3	43.3	6.3	11.7	1.1	6.8	-	
3622	Industrial controls and parts.....	23	100.0	3.2	14.4	6.1	1.8	8.2	10.1	4.4	5.0	46.8	-	
363	Household appliances.....	54	100.0	1.0	20.4	9.4	4.3	13.9	10.3	9.3	7.9	23.5	-	
369	Miscellaneous electrical machinery, equipment, and supplies.....	6	100.0	3.9	28.7	12.7	6.8	8.9	3.3	23.0	3.7	9.0	-	
37	Transportation equipment.....	583	100.0	1.6	12.4	16.1	10.4	12.2	1.8	6.3	1.9	37.3	-	
371	Motor vehicles and motor vehicle equip- ment.....	560	100.0	1.6	11.2	16.3	10.2	12.4	1.8	6.4	1.9	38.2	-	
38	Instruments, photographic goods, opti- cal goods, watches, and clocks.....	15	100.0	18.3	20.2	9.3	12.6	8.1	3.0	4.2	4.3	20.0	-	

¹For States included in the geographic divisions, see map on inside cover.²Shipments to Alaska and Hawaii from the 48 conterminous States and the District of Columbia are included; no data were obtained for shipments originating in Alaska and Hawaii.³Code letter indicates a sampling variability range as follows: a, 0-9 percent; b, 10-19 percent; c, 20-29 percent; and d, 30-50 percent. The variability for ton-miles has not been estimated.

Appendix A

DEFINITIONS OF MAJOR TERMS

Shipment.--In this report, tons and ton-miles of shipments relate to production that actually moves by some means of transportation (other than pipeline, or under own power, or towed away) beyond the local area of the plant. These are usually called "intercity" shipments, even though neither the origin nor destination necessarily is in a city.

Average Length of Haul.--Average length of haul is based on straight-line miles from plant to customer or primary redistribution point. It is a weighted average derived by dividing ton-miles by tons. "Average distance" and "average length of haul" are synonymous.

Distance.--Distance is based on the straight-line miles between origin and destination cities in the United States, calculated by the use of PICADAD (described below). Straight-line distances are essentially identical to "great circle" or "air" distances. The distance factor for exports is based on the miles from the plant to the port of exit, because the ton-miles figures represent transport service within this country only.

Means of Transport.--Each shipping document is classified in terms of the major means of transport used to move the shipment to its destination. If more than one means was used, the transport used to cover the greatest distance was coded. If the shipment was made to a foreign destination, the type of transport used to move the shipment to the port of exit was coded. Means of transport was coded into seven categories as follows:

Rails.--Includes all shipments transported by railroad except railway express. If the word "piggyback" appeared on the shipping document, the shipment was coded as moving by railroad because the major distance was assumed to have been by railroad.

Motor carrier.--Includes all shipments transported by motor carriers that serve the public. If transport was indicated on the shipping documents by the words "truck," "cartage," "drayage," or "trucking," the shipment was coded as moving by motor carrier. No distinction was made between common or contract carriers. "For-hire" or commercial motor carriers are synonymous with "motor carrier" used in this report.

Private truck.--Includes all shipments transported by trucks operated by the shipper or the customer. The combination of private trucks and motor carriers represents virtually the total shipments by highway.

Air.--Includes all shipments by air, such as "air freight," "air express," and the like.

Water.--Includes all shipments transported by ship, boat, barge, and the like between two points in the United States. Shipments destined for foreign ports were coded "water" only if the major distance to the port of exit was negotiated by water. Otherwise, the

means used to transport the shipment to the port of exit was coded.

Other.--Includes shipments transported by means other than those classified above, except by pipeline. "Other" would include railway express, parcel post, freight forwarders, messenger service, hand carried parcels, bus delivery, etc.

Unknown.--Those shipping documents that gave no indication of the type of transport used to move the shipments are classed as unknown.

PICADAD.--This is a Census Bureau computer system used to automate the geographic aspects of this survey. One of its functions is to compute the straight-line mileage between the city of origin and the city of destination. A description of the system can be obtained from the Transportation Division, Bureau of the Census, Washington, D.C. 20233.

Production Areas.--Production Areas represent relatively compact geographic concentrations of manufacturing activity. Twenty-five Production Areas were developed for this survey. Each Production Area consists of one or more Standard Metropolitan Statistical Areas.¹

Ton-miles.--The figure for ton-miles is the product of weight times distance (straight-line miles). For example, a 10-ton shipment that moved between places that were 1,000 miles apart is equivalent to a 50-ton shipment that moved 200 miles. Both represent 10,000 ton-miles although they differ in terms of both weight and distance.

Tons.--The estimates of tons represent generally the shipping weight of commodities rather than net weight. Commodities in this sense represent any physical item, including scrap and waste. "Tons" and "tons originated" are synonymous.

Transportation Commodity Classification.--Transportation Commodity Classification (TCC) is used for all series in the Commodity Transportation Survey. It is a 5-digit code that represents an adaptation of the Standard Industrial Classification (SIC). The classification was prepared by the Bureau of the Budget principally for use in the census of transportation. However, it is now in widespread use. (The Interstate Commerce Commission has adopted a classification based on the TCC structure and railroads and motor carriers have adopted the "Standard Transportation Commodity Code," which is identical to TCC through the first five digits but is extended to seven digits to give more detail.) Only one commodity code was used for each shipment. If the shipping document contained a mixture of commodities, the code for the major commodity was assigned.

¹ For definitions of SMSA's, see *Standard Metropolitan Statistical Areas, 1967*, Executive Office of the President, Bureau of the Budget.

Appendix B

THREE-DIGIT TCC GROUPS

Part 3 of the Commodity Transportation Survey presents data for shipments of commodities based on the Transportation Commodity Classification (TCC). Data are shown for 80 selected classes, as follows:

TCC Commodity Groups

- 201 Meat, Poultry, and Small Game; Fresh, Chilled or Frozen
- 202 Dairy Products
- 203 Canned and Preserved Fruits, Vegetables, and Seafoods
- 204 Grain Mill Products
- 206 Sugar, Beet and Cane

- 207 Confectionery and Related Products
- 208 Beverages and Flavoring Extracts
- 209 Miscellaneous Food Preparations and Kindred Products
- 221 Cotton Broadwoven Fabrics
- 222 Man-Made Fiber and Silk Broadwoven Fabrics

- 227 Carpets, Rugs, and Mats, Textile
- 228 Yarn and Thread (Cotton, Wool, Silk, and Man-Made Fiber)
- 229 Miscellaneous Basic Textiles
- 231 Men's, Youths', and Boys' Clothing
- 233 Women's, Misses', Girls', and Infants' Clothing

- 239 Miscellaneous Fabricated Textile Products
- 242 Lumber and Dimension Stock and Miscellaneous Sawmill and Planing Mill Products
- 243 Millwork and Prefabricated Wood Products, Including Plywood and Veneer
- 249 Miscellaneous Wood Products
- 251 Household and Office Furniture

- 262 Paper (Except Building Paper)
- 263 Paperboard, Fiberboard, and Pulpboard (Except Insulating Board)
- 264 Converted Paper and Paperboard Products (Except Containers and Boxes)
- 265 Containers, Boxes and Related Products; Paperboard, Fiberboard, and Pulpboard
- 281 Industrial Chemicals

- 282 Plastic Materials and Plasticizers, Synthetic Resins, Rubbers, and Fibers
- 283 Drugs (Biological Products, Medicinal Chemicals, Botanical Products, and Pharmaceutical Preparations)
- 284 Soap and Detergents, Cleaning Preparations, Perfumes, Cosmetics, and Other Toilet Preparations
- 285 Paints, Varnishes, Lacquers, Enamels, and Allied Products
- 287 Agricultural Chemicals

- 289 Miscellaneous Chemical Products
- 291 Products of Petroleum Refining
- 295 Paving and Roofing Materials
- 301 Tires and Inner Tubes
- 306 Miscellaneous Fabricated Rubber Products

- 307 Miscellaneous Plastic Products
- 314 Footwear (Except Rubber)
- 316 Luggage and Handbags (All Materials), and Other Personal Leather Goods
- 322 Glass and Glassware, Pressed and Blown
- 324 Hydraulic Cement

- 325 Structural Clay Products
- 326 Pottery and Related Products
- 327 Concrete, Gypsum, Plaster, and Plaster Products
- 329 Abrasives, Asbestos, and Miscellaneous Nonmetallic Mineral Products
- 331 Steel Works and Rolling Mill Products

- 332 Iron and Steel Castings
- 333 Nonferrous Metals Primary Smelter Products (Slab, Ingot, Pig, etc., and Residues)
- 335 Nonferrous Metal Basic Shapes
- 336 Nonferrous and Nonferrous Base Alloy Castings
- 339 Miscellaneous Primary Metal Products

- 341 Metal Cans
- 342 Cutlery, Hand Tools, and General Hardware
- 343 Plumbing Fixtures and Heating Apparatus (Except Electric)
- 344 Structural and Miscellaneous Metal Products
- 345 Bolts, Nuts, Screws, Rivets, Washers, and Other Industrial Fasteners

- 346 Metal Stampings
- 348 Miscellaneous Fabricated Wire Products
- 349 Miscellaneous Fabricated Metal Products
- 351 Engines and Turbines
- 352 Farm Machinery and Equipment

- 353 Construction, Mining, and Materials Handling Machinery and Equipment
- 354 Metalworking Machinery and Equipment
- 355 Special Industry Machinery (Except Metalworking Machinery)
- 356 General Industrial Machinery and Equipment
- 357 Office, Computing, and Accounting Machines

- 358 Service Industry Machines
- 359 Miscellaneous Machinery and Parts (Except Electrical)
- 361 Electrical Transmission and Distribution Equipment
- 362 Electrical Industrial Apparatus
- 363 Household Appliances

- 364 Electric Lighting and Wiring Equipment
- 365 Radio and Television Receiving Sets (Except Communication Types), Phonographs, and Phonograph Records
- 366 Communication Equipment
- 367 Electronic Components or Accessories
- 369 Miscellaneous Electrical Machinery, Equipment, and Supplies

- 371 Motor Vehicles and Motor Vehicle Equipment
- 372 Aircraft and Parts
- 379 Miscellaneous Transportation Equipment
- 382 Measuring, Controlling, and Indicating Instruments
- 386 Photographic Equipment and Supplies

Appendix C

CLASSIFICATION OF MANUFACTURING ESTABLISHMENTS INTO SHIPPER GROUPS

The classification into shipper groups was designed to divide the universe of manufacturing establishments into a limited number of more or less closely related classes of industrial activity of about equal size. The 24 groups are comparable to the major manufacturing components in the Federal Reserve Board's Index of Industrial Activity.

Shipper group number	Shipper group title
1	Meat and Dairy Products
2	Canned and Frozen Foods and Other Food Products, Except Meat and Dairy Products
3	Candy, Beverages, and Tobacco Products
4	Basic Textiles and Leather Products
5	Apparel and Related Products
6	Paper and Allied Products
7	Basic Chemicals, Plastics Materials, Synthetic Resins, Rubber, and Fibers
8	Drugs, Paints, and Other Chemical Products
9	Petroleum and Coal Products
10	Rubber and Plastics Products
11	Lumber and Wood Products, Except Furniture
12	Furniture, Fixtures, and Miscellaneous Manufactured Products
13	Stone, Clay, and Glass Products
14	Primary Iron and Steel Products
15	Primary Nonferrous Metal Products
16	Fabricated Metal Products, Except Metal Cans and Miscellaneous Fabricated Metal Products
17	Metal Cans and Miscellaneous Fabricated Metal Products
18	Industrial Machinery, Except Electrical
19	Machinery, Except Electrical and Industrial
20	Communications Products and Parts
21	Electrical Products and Supplies
22	Motor Vehicles and Equipment
23	Transportation Equipment, Except Motor Vehicles
24	Instruments, Photographic Equipment, Watches, and Clocks

Appendix D

DATA AVAILABLE FOR SPECIAL TABULATIONS

Printed reports provide the most essential and most widely useful data obtained by the census, but much more information can be made available to the public either in the form of special tabulations or special computer tapes. These special services often involve recoding geographic areas to be more nearly comparable to areas that are significant to a sponsor, and recoding or regrouping commodities or other data elements in the census base tapes. Also they sometimes involve the introduction of additional items that can be programed into the tape. However, they most commonly are undertaken to provide greater detail than presented in the published reports, and primarily involve summarization of data in the census base tape to the extent needed to avoid possible disclosure of activities of individuals.

THE BASE-TAPE SHIPMENT RECORD

In addition to technical information used for processing controls and related matters, the base tape contains the following:

Plant

- SIC—Standard Industrial Classification code
- Location—origin, geographic
 - (a) PICADAD key point code
 - (b) Census division-State code
 - (c) County code
 - (d) SMSA code
 - (e) Production Area code
 - (f) Freight rate territory code
- Plant size (employee-size code)
- Shipping facilities at plant code

Shipment

- TCC—Transportation Commodity Code
- Packaging code
- Means-of-transport code
- Distance shipped (straight-line miles)
- Weight of shipment (actual pounds shown on document)
- Month shipped
- Destination
 - (a) PICADAD key point code
 - (b) Census division-State code
 - (c) County code
 - (d) SMSA code
 - (e) Production Area code
 - (f) Freight rate territory code

Expansion Factors

"PUBLIC USE" TAPES

Two "public-use" tapes have been developed from the preceding Commodity Transportation Survey base tape. One shows "origin-destination" commodity flows from 25 Production Areas to 59 destination areas, and is referred to as CTS-OD Tape No. 1. The other shows State-to-State commodity flows and is referred to as CTS-OD Tape No. 2.

CTS-OD Tape No. 1: Commodity Flows from Specified Production Areas to Destination Areas

1. *Source.* Summarization of shipping reports to the 1967 Census of Transportation—Commodity Transportation Survey.
2. *Major Purpose.* To supply building-block details (without disclosing activities of individual companies) of commodity flows by means of transportation from 25 major industrial origin areas to 59 destination areas.

The term "building block" detail refers to the fact that the records on the tape tend to represent the lowest common denominator (within confidentiality policy) to be used to "build" to a variety of significant aggregates. Most of the "blocks" will be too small to be significant without combining with others.

3. *Major Industrial Origin Areas.* These areas are the 25 Production Areas used in the 1963 and 1967 Commodity Transportation Surveys. Each of them consists of a large Standard Metropolitan Statistical Area or cluster of contiguous SMSA's that represent essentially a single geographic industrial complex.
4. *Destination Areas.* The 59 destination areas consist of the following: (a) 25 Production Areas that also represent major markets, plus (b) 25 market areas (large SMSA's that lie outside of the Production Areas) plus (c) the balance of all other destinations in each of nine Census Divisions. The 59 destination areas blanket all possible destinations in the United States. Since the main purpose of the survey was to measure intercity commodity flows by means of transport within the United States, each shipment to a foreign destination was coded to the port of exit (which was treated as the destination of the domestic segment in this tape)

provided the domestic segment involved more than a local movement. Otherwise, the foreign shipment was not included in the survey.

5. *Units of Measure.* The measurement of flows is expressed in terms of tons originated and straight-line ton-miles. The distance hauled may be considered to be a third unit of measure, and may be derived by dividing the ton-miles by the tons for any given commodity flow.

6. *Commodity Detail.* The *outbound* flow from each Production Area is presented in this tape for each TCC commodity level that is published in the 1967 Production Area Series. The detail consists of a "total all commodities" for each of the 25 origin production areas, broken into as many 2-, 3-, 4-, and 5-digit TCC commodity levels as were shown in the published production area report. The general guidelines for selecting each commodity level were: (a) At least five different companies (irrespective of number of "plants") reported shipments of the specified commodity from the specified origin area; (b) no potential disclosure was found; and (c) the sampling variability for the estimated tons (universe level) of the specified commodity from the specified origin area did not exceed ± 50 percent.

7. *Subject Content of Tape Record.* Each record on the tape is a fixed length and is a summary of all shipment records in the 1967 Commodity Transportation Survey in each indicated cell. As mentioned previously, these cells should be treated as "building blocks." The subject-content of each record is as follows:

	Digits
(a) Origin-production area	2
(b) Destination-market area	2
(c) Commodity	5
(d) Type of transport	1
(e) Weight block of shipment	2
(f) Estimated tons shipped (universe level) . .	9
(g) Estimated ton-miles (universe level)	9
(h) Number of shipping records upon which estimate was based	6

CTS-OD Tape No. 2: Commodity Flows from State of Origin to State of Destination

1. *General:* This tape is derived from precisely the same basic information as the CTS-OD Tape No. 1. However, in contrast to Tape No. 1 which accounts only for the tons and ton-miles originating in Production Areas, Tape No. 2 accounts for the entire U.S. aggregate tons, ton-miles, and record counts, by originating State. This difference arises from the selection of origin-destination area pairs, and results in different commodity detail.

2. *General Purpose:* The general purpose of CTS-OD Tape No. 2 is similar to that described for CTS-OD Tape No. 1, except that this tape is designed for State-to-State traffic flows which cannot be derived from Tape No. 1.

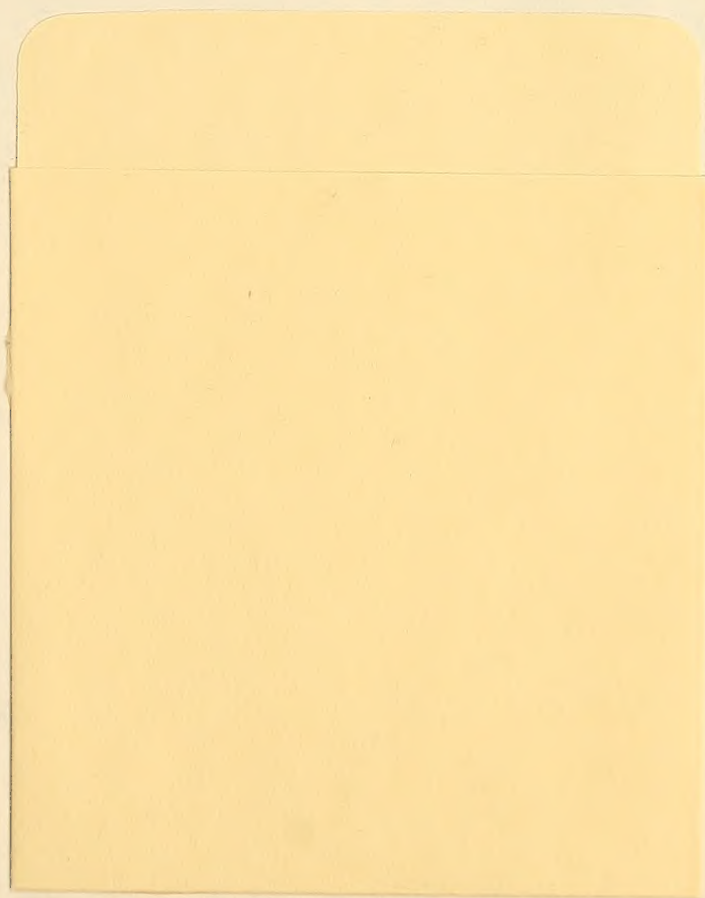
POLICY REGARDING SPECIAL TABULATIONS AND UNPUBLISHED DATA

The Bureau publishes only the most essential and most widely useful data in its printed reports, but much more information is available to the public. The Bureau's policy in this area is described in Part II of any recent Bureau of the Census catalog.

The release of unpublished transportation data normally falls into the two following classes:

1. Special tabulations of selected data prepared for individual users on a reimbursable cost basis. The information may be furnished on tape, microfilm, punch cards, computer printouts, typewritten copy or hand-posted tables. This class of unpublished data normally has limited interest beyond the initial users. It often involves recoding to approximate sponsor's own market areas, commodity groupings, or other special reclassifications to improve the usefulness to the sponsor of the general-purpose data in the Bureau's base file. The information (before being released) is thoroughly tested to avoid disclosures and to meet other policy requirements.

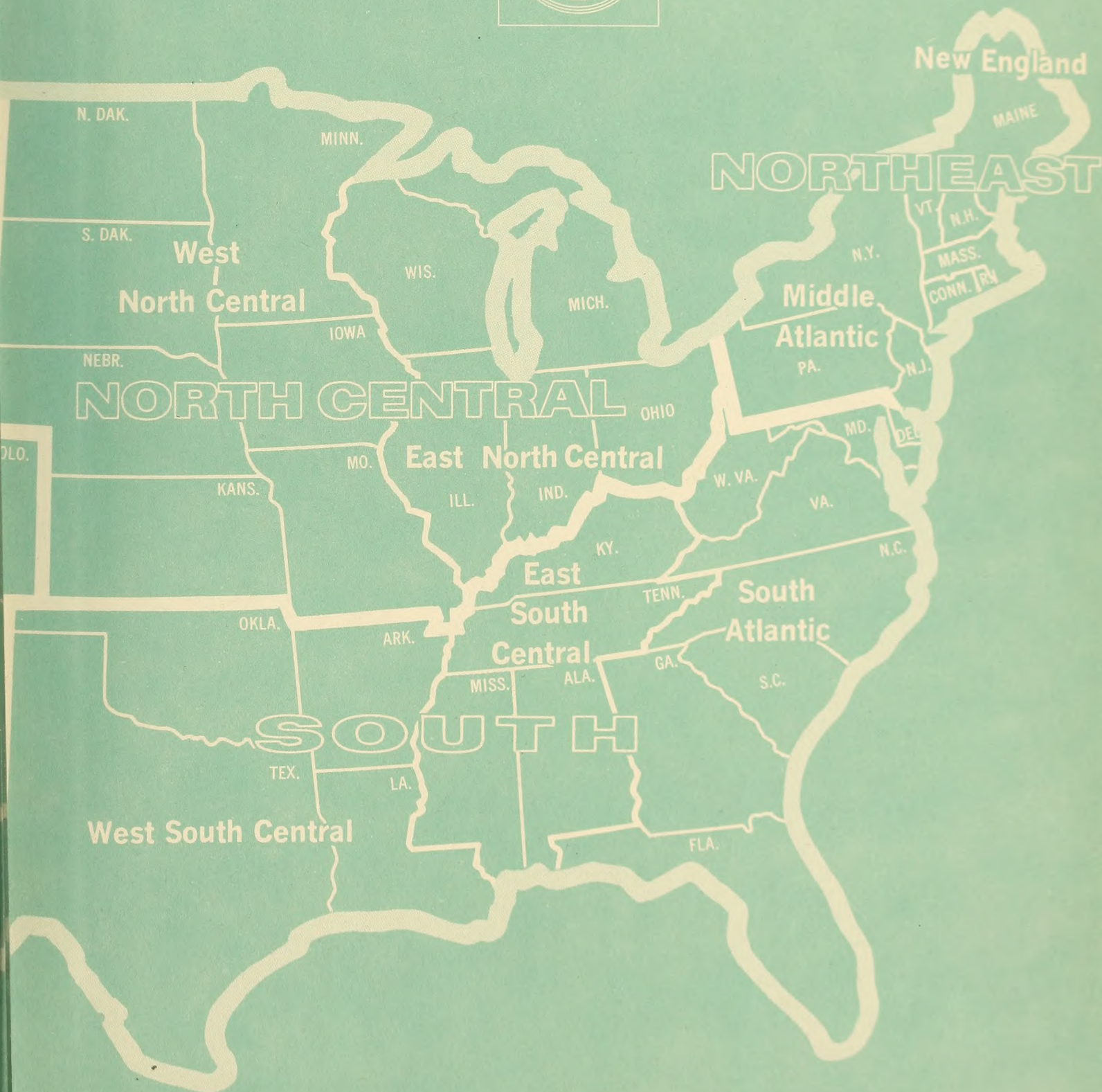
2. General-purpose information that provides greater detail than published. This information normally is furnished on a public-use tape.



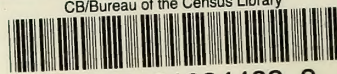
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